SAMSUNG

2.1Ch Stylish Home Theater System

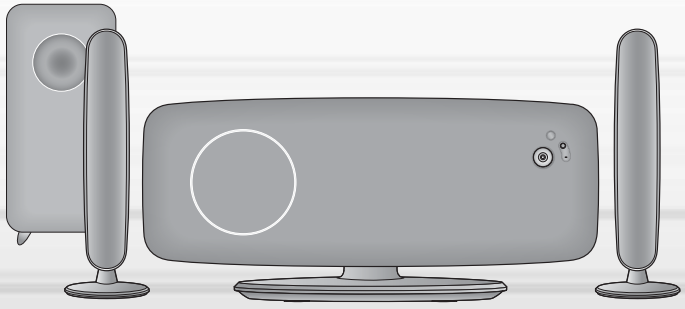
HT-Q100

HT-Q100W

THIS APPLIANCE IS MANUFACTURED BY:

SAMSUNG

Instruction Manual



AH68-01851B

Safety Warnings

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT
PRODUCTO LASER CLASE 1

CAUTION
RISK OF ELECTRIC SHOCK.
DO NOT OPEN

CAUTION:
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE REAR COVER. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION-INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED, AVOID EXPOSURE TO BEAM.

This symbol indicates that dangerous voltage which can cause electric shock is present inside this unit.

This symbol alerts you to important operating and maintenance instructions accompanying the unit.

WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

CLASS 1 LASER PRODUCT

This Compact Disc player is classified as a CLASS 1 LASER product.

- This apparatus shall always be connected to a AC outlet with a protective grounding connection.
- To disconnect the apparatus from the mains, the plug must be pulled out from the mains socket, therefore the mains plug shall be readily operable.

Wiring the Main Power Supply Plug(UK Only)

IMPORTANT NOTICE

The main lead on this equipment is supplied with a moulded plug incorporating a fuse. The value of the fuse is indicated on the pin face of the plug and if it requires replacing, a fuse approved to BS1362 of the same rating must be used.

Never use the plug with the fuse cover removed. If the cover is detachable and a replacement is required, it must be of the same colour as the fuse fitted in the plug. Replacement covers are available from your dealer.

If the fitted plug is not suitable for the power points in your house or the cable is not long enough to reach a power point, you should obtain a suitable safety approved extension lead or consult your dealer for assistance.

However, if there is no alternative to cutting off the plug, remove the fuse and then safely dispose of the plug. Do not connect the plug to a main socket as there is a risk of shock hazard from the bared flexible cord.

Never attempt to insert bare wires directly into a main socket. A plug and fuse must be used at all times.

IMPORTANT

The wires in the main lead are coloured in accordance with the following code:–

BLUE = NEUTRAL BROWN = LIVE

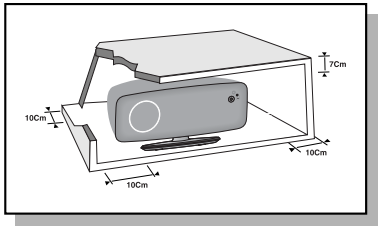
As these colours may not correspond to the coloured markings identifying the terminals in your plug, proceed as follows:–

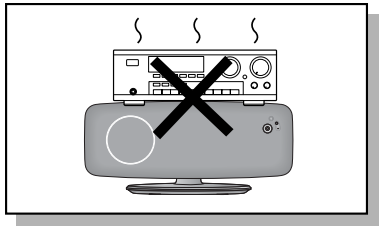
The wire coloured BLUE must be connected to the terminal marked with the letter N or coloured BLUE or BLACK. The wire coloured BROWN must be connected to the terminal marked with the letter L or coloured BROWN or RED.

WARNING: DO NOT CONNECT EITHER WIRE TO THE EARTH TERMINAL WHICH IS MARKED WITH THE LETTER E OR BY THE EARTH SYMBOL ⏚, OR COLOURED GREEN OR GREEN AND YELLOW.

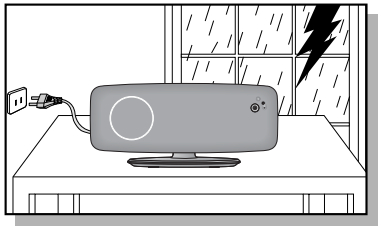
This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life.
To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.
Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.
Business users should contact their supplier and check the terms and conditions of the purchase contract.
This product should not be mixed with other commercial wastes for disposal.

Precautions

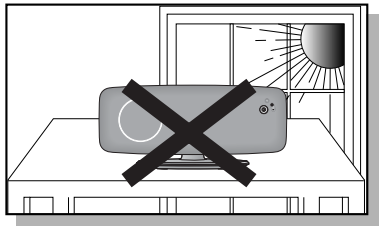




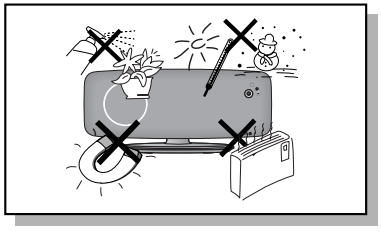
Ensure that the AC power supply in your house complies with the identification sticker located on the back of your player. Install your player horizontally, on a suitable base (furniture), with enough space around it for ventilation (3~4inches). Make sure the ventilation slots are not covered. Do not stack anything on top of the player. Do not place the player on amplifiers or other equipment which may become hot. Before moving the player, ensure the Disc Insert Hole is empty. This player is designed for continuous use. Switching off the DVD player to the stand-by mode does not disconnect the electrical supply. In order to disconnect the player completely from the power supply, remove the main plug from the wall outlet, especially when left unused for a long period of time.



During thunderstorms, disconnect AC main plug from the wall outlet.
Voltage peaks due to lightning could damage the unit.



Do not expose the unit to direct sunlight or other heat sources.
This could lead to overheating and malfunction of the unit.

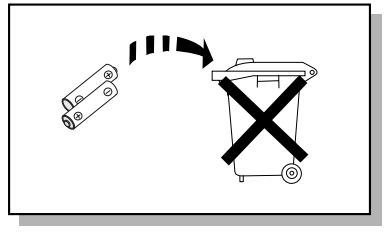


Protect the player from moisture(i.e. vases) , and excess heat (e.g.fireplace) or equipment creating strong magnetic or electric fields (i.e.speakers...). Disconnect the power cable from the AC supply if the player malfunctions. Your player is not intended for industrial use.

Use of this product is for personal use only.

Condensation may occur if your player or disc has been stored in cold temperatures.

If transporting the player during the winter, wait approximately 2 hours until the unit has reached room temperature before using.



The batteries used with this product contain chemicals that are harmful to the environment.
Do not dispose of batteries in the general household trash.

Features

Multi-Disc Playback & FM Tuner
The HT-Q100/HT-Q100W combines the convenience of multi-disc playback capability, including DVD-AUDIO, DVD-VIDEO, VCD, CD, MP3-CD, WMA-CD, DivX, CD-R/RW, and DVD-R/RW, with a sophisticated FM tuner, all in a single player.

DVD-Audio compatible
Experience the super high-quality audio performance of DVD-Audio.
The on-board 24-bit/192kHz DAC enables this player to deliver exceptional sound quality in terms of dynamic range, low-level resolution and high-frequency detail.

TV Screen Saver Function
The HT-Q100/HT-Q100W automatically brightens and darkens your TV screen after 3 minutes in the stop mode.
The HT-Q100/HT-Q100W automatically switches itself into the power saving mode after 20 minutes in the screen saver mode.

Power Saving Function
The HT-Q100/HT-Q100W automatically shuts itself off after 20 minutes in stop mode.

Customized TV Screen Display
The HT-Q100/HT-Q100W allows you to select your favorite image during JPEG, DVD or VCD playback and set it as your background wallpaper.

HDMI
HDMI transmits DVD video and audio signals simultaneously, and provides a clearer picture.

AV SYNC Function
Video may lag behind the audio if the unit is connected to a digital TV.
To compensate for this, you can adjust the audio delay time to sync up with the video.

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Notes on Discs

DVD (Digital Versatile Disc) offers fantastic audio and video, thanks to Dolby Digital surround sound and MPEG-2 video compression technology. Now you can enjoy these realistic effects in the home, as if you were in a movie theater or concert hall.

DVD players and the discs are coded by region. These regional codes must match in order for the disc to play. If the codes do not match, the disc will not play.
The Region Number for this player is given on the rear panel of the player.
(Your DVD player will only play DVDs that are labeled with identical region codes.)

Playable Discs

Disc Type	Mark (Logo)	Recorded Signals	Disc Size	Max. Playing Time
DVD-AUDIO DVD-VIDEO		Audio + Video	12cm	Approx. 240 min. (single-sided)
				Approx. 480 min. (double-sided)
			8cm	Approx. 80 min. (single-sided)
				Approx. 160 min. (double-sided)
VIDEO-CD		Audio + Video	12cm	74 min.
			8cm	20 min.
AUDIO-CD		Audio	12cm	74 min.
			8cm	20 min.
DivX		MPEG4 MP3	12cm	74 min.
			8cm	20 min.

Do not use the following types of disc!

- LD, CD-G, CD-I, CD-ROM and DVD-ROM discs cannot be played on this player.
  If such discs are played, a "**WRONG DISC FORMAT**" message appears on the TV screen.
- DVD discs purchased abroad may not play on this player.
  If such discs are played, a "**WRONG REGION CODE**" message appears on the TV screen.

Copy Protection

- **Many DVD discs are encoded with copy protection. Because of this, you should only connect your DVD player directly to your TV, not to a VCR. Connecting to a VCR results in a distorted picture from copy-protected DVD discs.**
- This product incorporates copyright protection technology that is protected by methods claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Disc Recording Format

This product does not support Secure (DRM) Media files.

CD-R Discs

- Some CD-R discs may not be playable depending on the disc recording device (CD-Recorder or PC) and the condition of the disc.
- Use a 650MB/74 minute CD-R disc.
  Do not use CD-R discs over 700MB/80 minute as they may not be played back.
- Some CD-RW (Rewritable) media, may not be playable.
- Only CD-Rs that are properly "closed" can be fully played. If the session is closed but the disc is left open, you may not be able to fully play the disc.

CD-R MP3 Discs

- Only CD-R discs with MP3 files in ISO 9660 or Joliet format can be played.
- MP3 file names should be 8 characters or less in length and contain no blank spaces or special characters (. / = +).
- Use discs recorded with a compression/decompression data rate greater than 128Kbps.
- Only files with the ".mp3" and ".MP3" extensions can be played.
- Only a consecutively written Multisession disc can be played. If there is a blank segment in the Multisession disc, the disc can be played only up to the blank segment.
- If the disc is not closed, it will take longer to begin playback and not all of the recorded files may be played.
- For files encoded in Variable Bit Rate (VBR) format, i.e. files encoded in both low bit rate and high bit rate (e.g., 32Kbps ~ 320Kbps), the sound may skip during playback.
- A maximum of 500 tracks can be played per CD.
- A maximum of 300 folders can be played per CD.

CD-R JPEG Discs

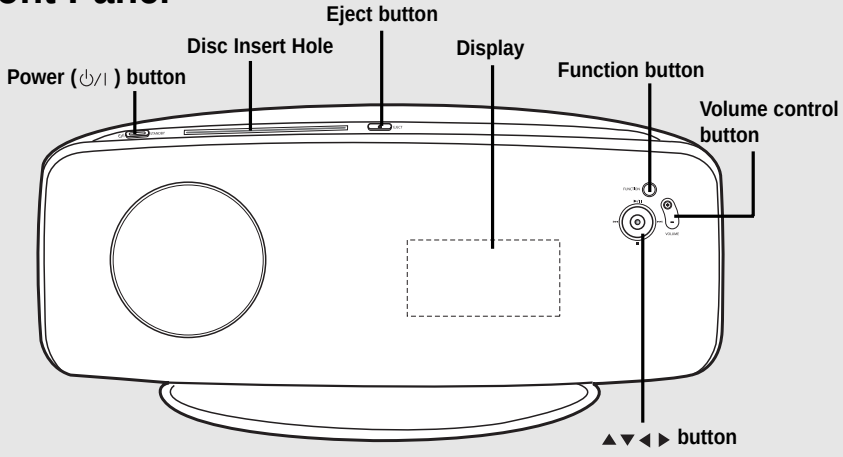
- Only files with the ".jpeg" and ".JPEG" extensions can be played.
- If the disc is not closed, it will take longer to start playing and not all of the recorded files may be played.
- Only CD-R discs with JPEG files in ISO 9660 or Joliet format can be played.
- JPEG file names should be 8 characters or less in length and contain no blank spaces or special characters (. / = +).
- Only a consecutively written multisession disc can be played. If there is a blank segment in the multisession disc, the disc can be played only up to the blank segment.
- A maximum of 9,999 images can be stored on a single CD.
- When playing a Kodak/Fuji Picture CD, only the JPEG files in the picture folder can be played.
- Picture discs other than Kodak/Fuji Picture CDs may take longer to start playing or may not play at all.

CD-R/RW DivX Discs

- Since this product only provides encoding formats authorized by DivX Networks, Inc., a DivX file created by the user might not be played.
- Software update for unsupported formats is not supported.
  (Example: QPEL, GMC, resolution higher than 720 x 480 pixels, etc.)
- Sections with high frame rate might not be played while playing a DivX file.
- For more information about the formats authorized by DivX Networks, Inc., visit "www.divxnetworks.net".

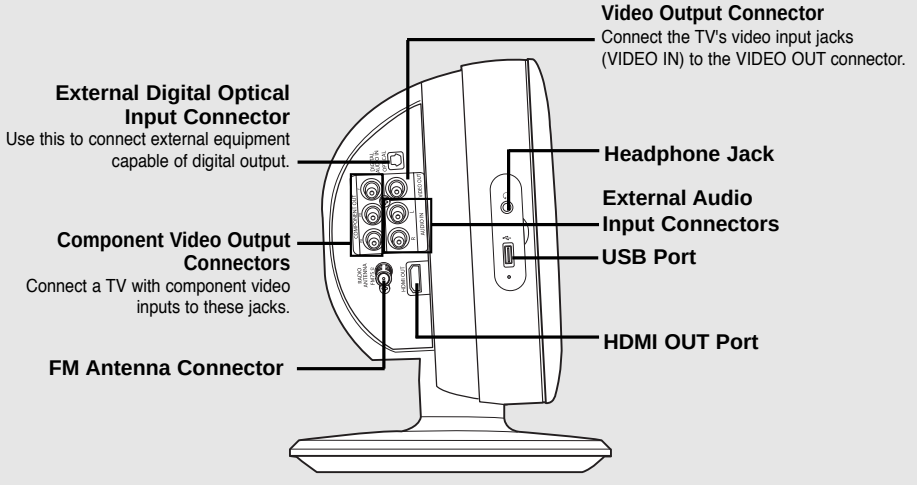
Description

—Front Panel—

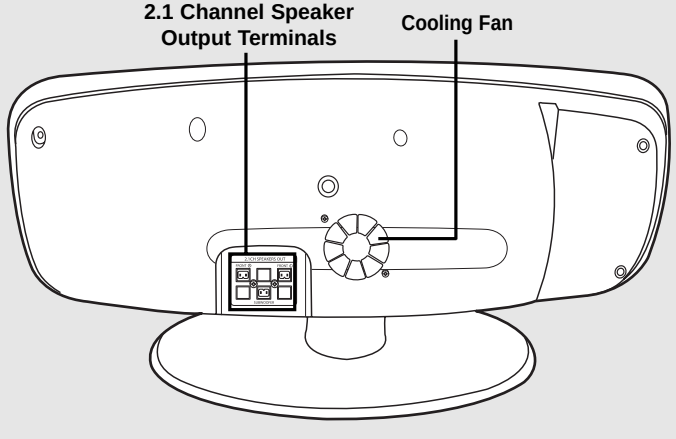


Play/Pause (▶II) button
Stop (■) button
Tuning up & Skip (▶▶I) button
Tuning down & Skip (I◀◀) button

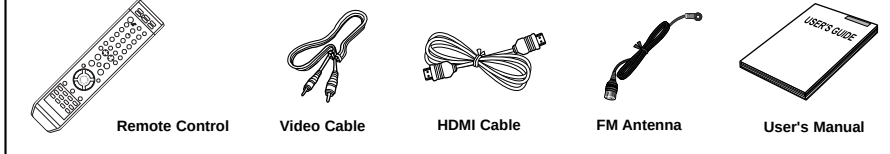
—Side Panel—


Video Output Connector
Connect the TV's video input jacks (VIDEO IN) to the VIDEO OUT connector.
External Digital Optical Input Connector
Use this to connect external equipment capable of digital output.
Headphone Jack
External Audio Input Connectors
Component Video Output Connectors
Connect a TV with component video inputs to these jacks.
USB Port
HDMI OUT Port
FM Antenna Connector

—Rear Panel—

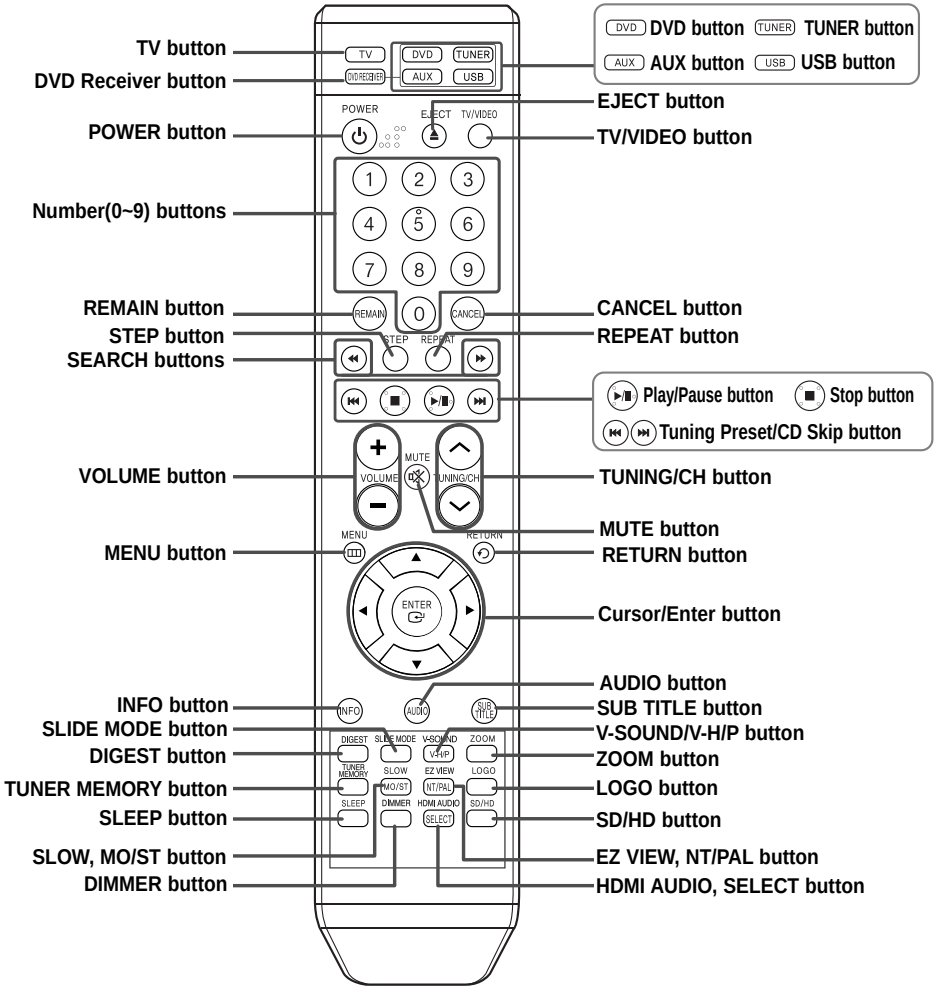


Accessories

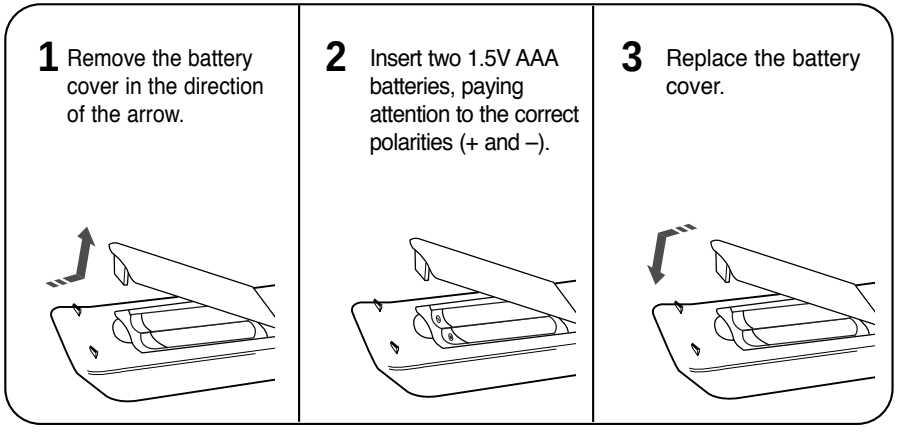


Description

—Remote Control—



Insert Remote Batteries

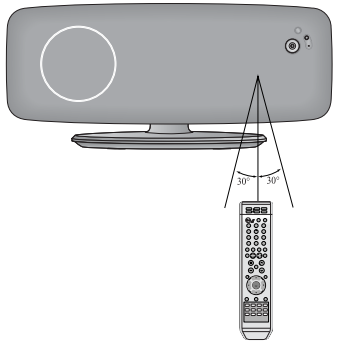

1 Remove the battery cover in the direction of the arrow.
2 Insert two 1.5V AAA batteries, paying attention to the correct polarities (+ and –).
3 Replace the battery cover.

Caution **Follow these precautions to avoid leaking or cracking cells:**

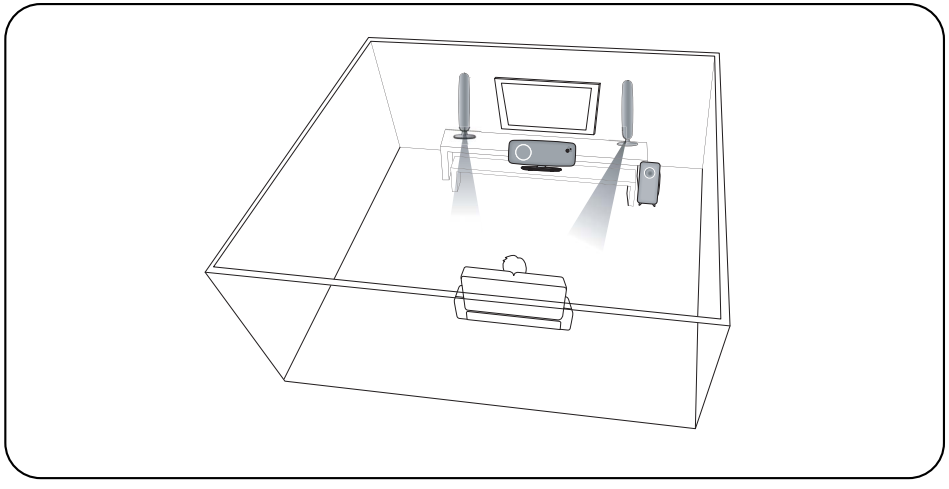
- Place batteries in the remote control so they match the polarity:(+) to (+)and (–)to (–).
- Use the correct type of batteries.Batteries that look similar may differ in voltage.
- Always replace both batteries at the same time.
- Do not expose batteries to heat or flame.

Range of Operation of the Remote Control

The remote control can be used up to approximately 23 feet/7 meters in a straight line. It can also be operated at a horizontal angle of up to 30° from the remote control sensor.

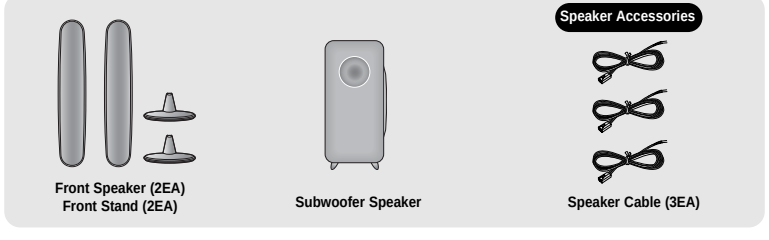


Before Connecting the Speakers



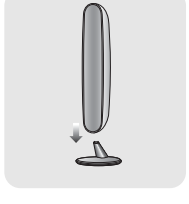
Speaker Packages

Please confirm that all the following contents are included in the package.



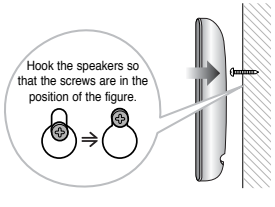
Assembling the Speakers

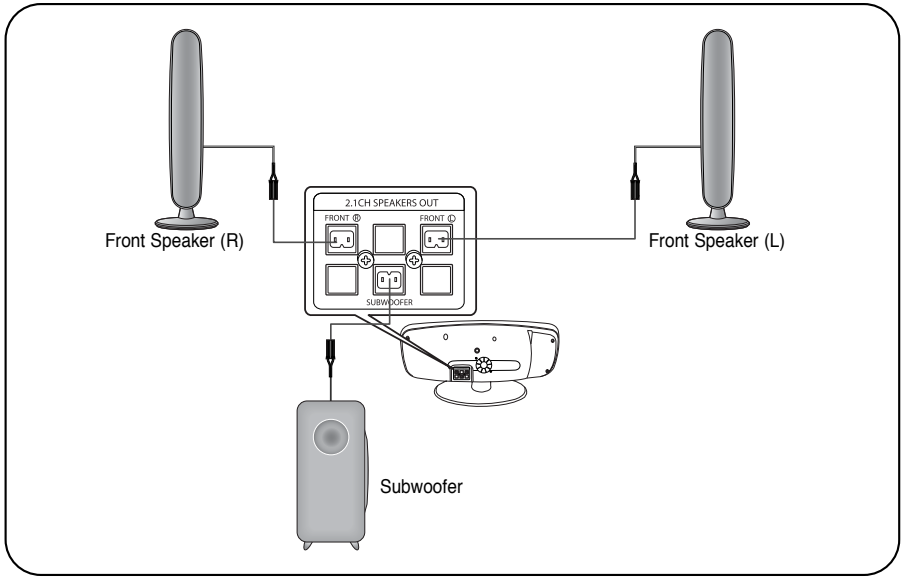
Set the front speaker on the front stand.



To mount the speaker on the wall

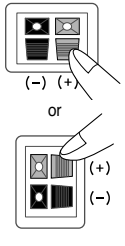
Drive a screw into the wall for each speaker and then hook the front speaker over them.



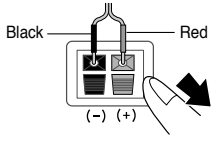


Connecting the Speakers

1 Press down the terminal tab on the back of the speaker.



2 Insert the black wire into the black terminal (–) and the red wire into the red (+) terminal, and then release the tab.



3 Connect the connecting plugs to the back of the Home Theater.

- Make sure the colors of the speaker terminals match the colors of the connecting plugs.

Caution

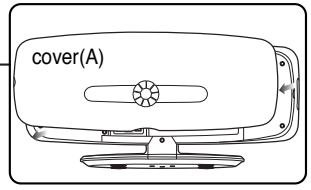
- Do not let children play with or near the speakers. They could get hurt if a speaker falls.
- When connecting the speaker wires to the speakers, make sure that the polarity (+/–) is correct.

Note

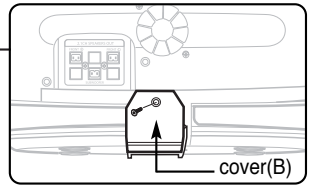
- If you place a speaker near your TV set, screen color may be distorted because of the magnetic field generated by the speaker. If this occurs, place the speaker away from your TV set.

Installing the DVD player

1 Separate the rear cover(A).

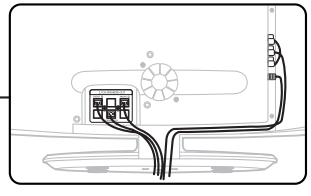


2 Remove the 1 screw of the cover(B).

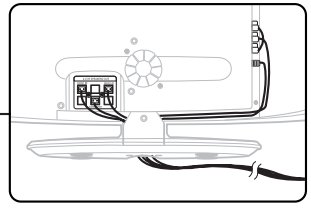


3 Put the speaker cable connected to the Speaker OUT port into the left groove.

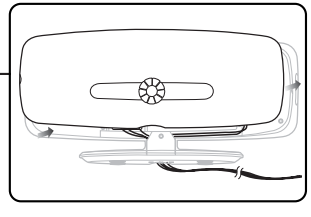
4 Put the cables connected to the Video OUT, Component OUT and Audio IN ports into the right groove.



5 Fasten the 1 screw on the cover(B).

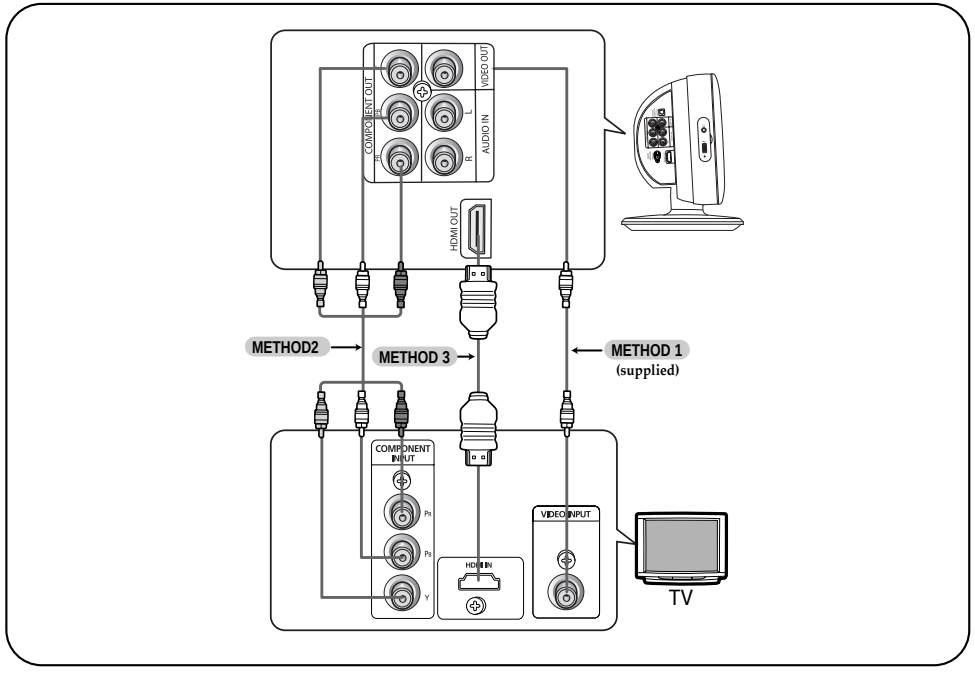


6 Close the rear cover(A).



Connecting the Video Out to TV

Choose one of the three methods for connecting to a TV.



METHOD 1 **Composite Video ····· (Good Quality)**

- Connect the supplied video cable from the VIDEO OUT jack on the side panel of the system to the VIDEO IN jack on your TV.

METHOD 2 **Component ····· (Better Quality)**

- If your television is equipped with Component Video inputs, connect a component video cable (not supplied) from the Pr, Pb and Y jacks on the side panel of the system to the corresponding jacks on your TV.

METHOD 3 **HDMI ····· (Best Quality)**

- Connect the HDMI out to the HDMI input on your TV.

Note • This product operates in Interlaced scan mode (576i) for component output.

HDMI Function

What is HDMI (High Definition Multimedia Interface)?

This device transmits DVD video signal digitally without the process of converting to analog. You can get sharper digital pictures by connecting the video to your TV using an HDMI connection cable.

HDMI Audio ON/OFF function

- The audio signals transmitted over the HDMI Cable can be toggled ON/OFF.

Press the **HDMI AUDIO** button on the remote control.

- This toggles between "**AUDIO ON**" and "**AUDIO OFF**" on the display.
- **AUDIO ON** : Both video and audio signals are transmitted over the HDMI connection cable, and audio is output through your TV speakers only.
- **AUDIO OFF** : Video is transmitted over the HDMI connection cable only, and audio is output through the home theater speakers only.

Note

- The default setting value of this product is HDMI AUDIO OFF.
- HDMI AUDIO is automatically down-mixed to 2ch for TV speakers.
- If you turn the unit off and on, or switch functions when the HDMI AUDIO is set to ON, the HDMI AUDIO is automatically set to OFF.

Resolution Selection

- This function allows the user to select screen resolution for HDMI output.

In Stop mode, press and hold the **SD/HD** (Standard Definition/High Definition)button on the remote control.

- SD(Standard Definition) resolution is 576P(480P) and HD(High Definition) resolution is 720p/1080i.

Example: If the TV supports resolution up to 576P(480P):

Press the **SD/HD** button.

- A 576P(480P) video signal is output through the HDMI output.
- If the TV does not support the configured resolution, you will not be able to see the picture properly.

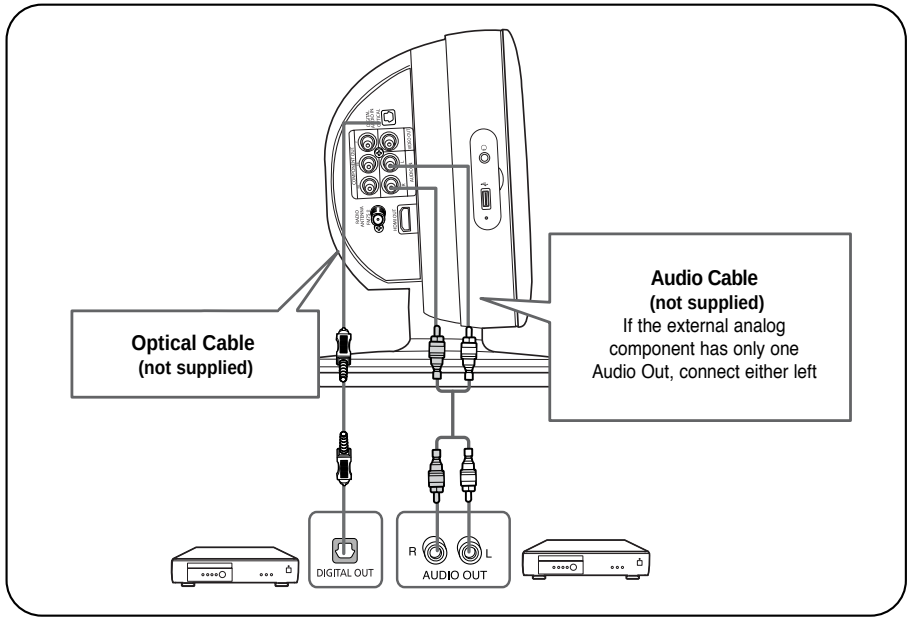
Note

- Since this product has an embedded Video Upscaler function with Faroudja DCDi technology, it can enhance a 576i(480i) DVD resolution output to 576P(480P)/720p/1080i.
- You do not have to make separate adjustments, since the Home Theater and TV will be automatically adjust themselves to the optimal resolution and aspect ratio if connected to HDMI. (If the TV is an HDTV and has an HDMI Input jack, output is automatically converted to 1080i resolution (if supported by the TV).)
- For component video output, only 576i(480i) is supported.
- When both HDMI and COMPONENT jacks are connected, COMPONENT video is not displayed.
- See your TV owner's manual for more information on how to select the TV's Video Input source.

Connecting External Components

Connecting an External Digital / Analog Component

Example: Digital signal components such as a Set-Top Box or CD Recorder.
Analog signal components such as a VCR.



1 Connect the Digital Input (OPTICAL) to the Digital Output on the external digital component.

2 Connect AUX (Audio) In on the Home Theater to Audio Out on the external analog component.

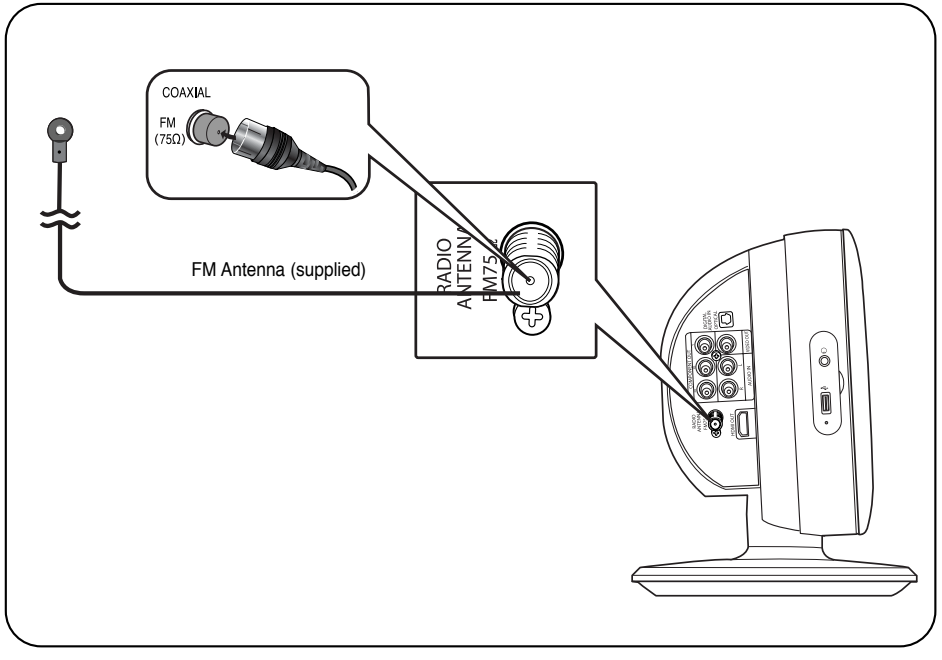
- Be sure to match connector colors.

3 Press **AUX** on the remote control to select 'D.IN / AUX' input.

- Each time the button is pressed, the selection changes as follows: **D.IN → AUX**
- You can also use the **FUNCTION** button on the main unit.
  The mode switches as follows: **DVD → D.IN → AUX → USB →FM**

Note • You can connect the Video Output jack on your VCR to the TV, and connect the Audio Output jacks on the VCR to this product.

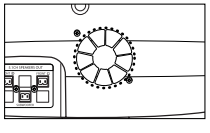
Connecting the FM Antenna



1 Connect the FM antenna supplied to the FM 75Ω COAXIAL terminal.

2 Slowly move the antenna wire around until you find a location where reception is good, then fasten it to a wall or other rigid surface.

Cooling Fan The cooling fan supplies cool air to the unit to prevent overheating.



Please observe the following cautions for your safety.

- Make sure the unit is well-ventilated. If the unit has poor ventilation, the temperature inside the unit could rise and may damage it.
- Do not obstruct the cooling fan or ventilation holes. (If the cooling fan or ventilation holes are covered with a newspaper or cloth, heat may build up inside the unit and fire may result.)

Notes • This unit does not receive AM broadcasts.

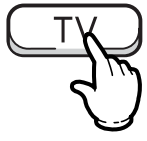
Before Using Your Home Theater

Your Home Theater is capable of playing DVD, CD, MP3/WMA and JPEG discs.Depending on the disc you are using, these instructions may vary slightly. Read the instructions carefully before using.

To Operate the TV and DVD Player with a Single Remote Control

1 Plug the main unit's power cord into the AC power supply.

2 Press **TV** button to set the remote to TV mode.



3 Press the **POWER** button to turn on your Samsung TV with this remote.

4 Press **TV/VIDEO** button to select VIDEO mode on your TV.

5 Press **DVD RECEIVER** button to switch to DVD RECEIVER mode.

6 Press **FUNCTION** button on the main unit or DVD button on the remote to enable DVD/CD playback.

Selecting the Video Format

Press and hold **NT/PAL** button on the remote controller for over 5 seconds while the power is turned off.

- By default, the video format is set to "PAL".
- "**NTSC**" or "**PAL**" will appear in the display. At this time, press the **NT/PAL** button shortly to select between "**NTSC**" and "**PAL**".
- Each country has a different video format standard.
- For normal playback, the video format of the disc must be the same as the video format of your TV.

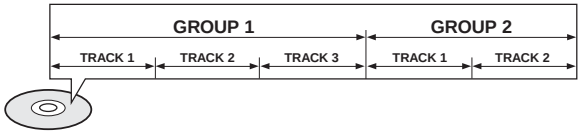
Note

- Buttons Enabled for TV Operation: POWER, CHANNEL, VOLUME, TV/VIDEO, and Numeric (0-9) buttons.
- By default, the remote control is set to work with Samsung TVs.
  See page 57 for more information about remote control operation with other manufacturer's TVs.

Disc terminology

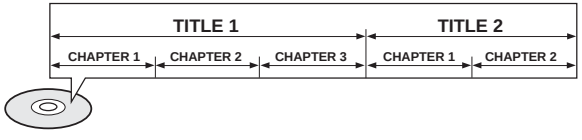
Groups and tracks (DVD-AUDIO)

- DVD-audio is divided into several large sections called "groups" and smaller sections called "tracks".
  Numbers are allotted to these sections.
  These numbers are called "group numbers" and "track numbers".



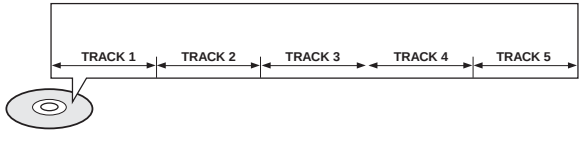
Titles and chapters (DVD-VIDEO)

- DVD-video is divided into several large sections called "titles" and smaller sections called "chapters".
  Numbers are allotted to these sections.
  These numbers are called "title numbers" and "chapter numbers".



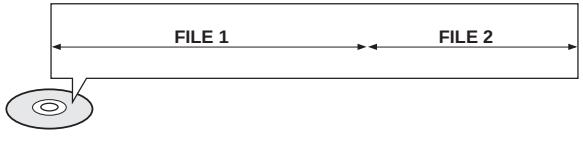
Tracks (Video and music CDs)

- Video and music CDs are divided into sections called "tracks".
  Numbers are allotted to these sections. These numbers are called "track numbers".



Files (DivX)

- DivX is divided into sections called "files".
  Numbers are allotted to these sections. These numbers are called "file numbers".



Note

- **In this manual, the instructions marked with "DVD (DVD)" are applicable to DVD-VIDEO and DVD-R/RW discs.**
  Where a particular DVD type is mentioned, it is indicated separately.
- Depending on the content of the disc, the initial screen may appear different.

Disc Playback

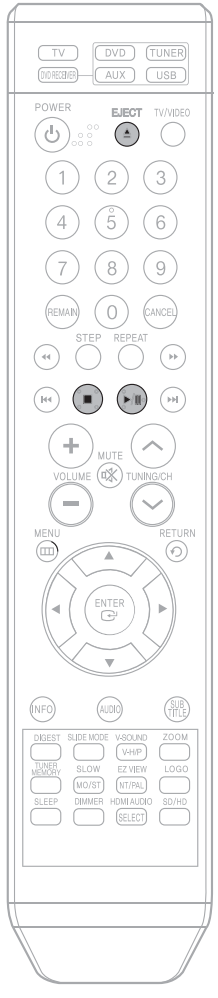
1 Load a disc vertically into the Disc Insert Hole.

- Insert a disc so that the label side faces forward.

DVD VCD CD

- Playback starts automatically.

2 To eject the disc, press the **EJECT** button



Note

- Depending on the content of the disc, the initial screen may appear different.
- Any piracy could not be runnable in the player. Otherwise, it violates the CSS recommendations.

Caution

- Avoid getting fingerprints on the writing surface of a disc. It may cause the disc to not read properly.

What is CSS (Content Scrambling System)?

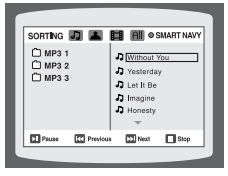
The CSS is a copy protection device that prevents the content of a DVD from being copied into the HDD of the PC as it is, unlike other media, executable directly from the PC. And it is also a data decryption system that decrypts the key encryption with the encrypted title key (of the DVD title) and the player key (of the DVD player).

MP3/WMA-CD Playback

Data CDs (CD-ROM, CD-R, CD-RW) encoded in MP3/WMA format can be played.

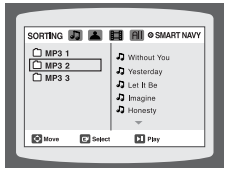
1 Load the MP3/WMA disc.

- The MP3/WMA menu screen will appear and playback will start.
- The appearance of the menu depends on the MP3/WMA disc.
- WMA-DRM files cannot be played.



2 In Stop mode, use ◀ ▶ ▲ ▼ to select the album, and then press the **ENTER** button.

- Use ▲▼ to select the track.



3 To change the album, use ◀ ▶ ▲ ▼ to select another album in Stop mode, and then press the **ENTER** button.

- To select another album and track, repeat Steps 2 and 3 above.

4 Press the **STOP** button to stop playback.

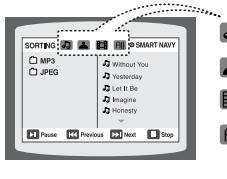
Note

- Depending on the recording mode, some MP3/WMA-CDs may not play.
- Table of contents of a MP3-CD varies depending on the MP3/WMA track format recorded on the disc.

To play a file icon in the screen,

Press the ◀ ▶ ▲ ▼ button when it is in stop status and select a desired icon from the top part of the menu.

- To play music files only, select the Icon.
- To view image files only, select the Icon.
- To view movie files only, select the Icon.
- To select all files select the All Icon.



- Music File Icon
- Image File Icon
- Movie File Icon
- All File Icon

Displaying Disc Information

You can view disc playback information on the TV screen.

Press **INFO** button.

- Each time the button is pressed, the display changes as follows:

DVD

The information Display disappears from the screen

VCD **CD**

The information Display disappears from the screen

MP3 **DivX** **JPEG**

The information Display disappears from the screen

- **appears on the TV screen!**

If this symbol appears on the TV screen while buttons are being operated, that operation is not possible with the disc currently being played.

Note

- Depending on the disc, the disc information display may appear different.
- Depending on the disc, you can also select DOLBY DIGITAL, or PRO LOGIC.

- **What is a Group?**
  A section of tracks contained in a DVD-AUDIO disc.
- **What is a Title?**
  A movie contained in a DVD-VIDEO disc.
- **What is a Chapter?**
  Each title on a DVD disc is divided into several smaller sections called "chapters".
- **What is a Track (File)?**
  A section of video or a music file recorded on a DVD-AUDIO, CD, or MP3-

Screen Display

DVD DVD display	TITLE display	ELAPSED TIME display	LR STEREO (L/R) display
VCD VCD display	GROUP display	REPEAT PLAYBACK display	DOLBY DIGITAL display
CD CD display	CHAPTER display	AUDIO LANGUAGE display	ANGLE display
DVD AUDIO DVD-AUDIO display	TRACK (FILE) display	SUBTITLE display	

JPEG File Playback JPEG

Images captured with a digital camera or camcorder, or JPEG files on a PC can be stored on a CD and then played back with this Home Theater.

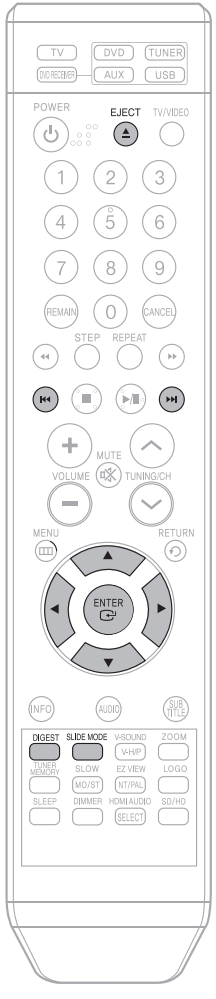
Slide Mode

1 Load the JPEG disc.

2 Press **SLIDE MODE** button.

- Playback starts automatically.
- Each time the button is pressed, the image makes the transition as follows:

SLIDE SHOW MODE : 1	From top to bottom
SLIDE SHOW MODE : 2	From bottom to top
SLIDE SHOW MODE : 10	Rectangular shape in the center
SLIDE SHOW MODE : 11	Vertical blinds effect
SLIDE SHOW MODE : RAND	Each time a new image is displayed, slide modes (1~11) will be applied randomly and automatically.
SLIDE SHOW MODE : NONE	Cancels the slide mode.



Press ⏮, ⏭ to skip to the next slide.

- Each time the button is pressed, the slide moves backward or forward.

Digest Function

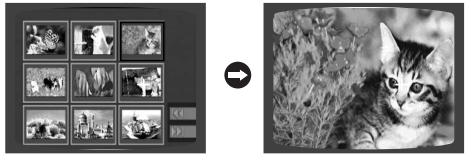
You can view 9 JPEG images on the TV screen.

1 Press **DIGEST** button during playback.

- JPEG files will be shown in 9 windows.

2 Press Cursor ▲, ▼, ◀, ▶ buttons to select the desired image and then press **ENTER** button.

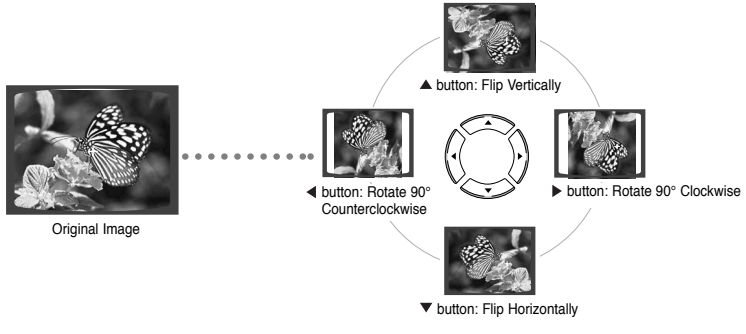
- The selected image is played for 5 seconds before moving to the next image.



To view the previous or next image with 9 windows, press ⏮, ⏭.

Rotate/Flip Function

Press Cursor ▲, ▼, ◀, ▶ buttons during playback.


▲ button: Flip Vertically
◀ button: Rotate 90° Counterclockwise
▶ button: Rotate 90° Clockwise
Original Image
▼ button: Flip Horizontally

Note • The maximum resolutions supported by this product are 5120 x 3480 (or 19.0 MPixel) for standard JPEG files and 2048 x 1536 (or 3.0 MPixel) for progressive image files.

DivX Playback

The functions on this page apply to DIVX disc playback.

Skip Forward/Back

During playback, press the ⏮ ⏭ button.

- Goes to the next file whenever you press ⏭ button, if there are over 2 files in the disk.
- Goes to the previous file whenever you press ⏮ button, if there are over 2 files in the disk.

Fast playback

To play back the disc at a faster speed, press ◀◀ or ▶▶ during playback.

- Each time you press either button, the playback speed will change as follows:
  2x ➞ 4x ➞ 8x ➞ 32x ➞ Normal.

5 Minute Skip function

During playback, press the ◀,▶ button.

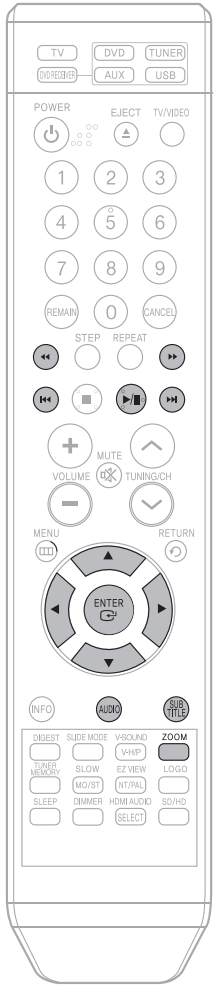
- Playback skips 5 minutes forward whenever you press ▶ button.
- Playback skips 5 minutes back whenever you press ◀ button.

Zoom Function

1 Press **ZOOM** button.

- Each time you press the button, your selection will toggle between "**ZOOM X2**" and "**ZOOM OFF**".

2 Press Cursor ▲,▼, ◀,▶ buttons to move to the area you want to enlarge.



Note

- DIVX file can be zoomed only in ZOOM X2 mode.
- DivX files have .Avi file extensions, however, not all .Avi files are DivX and may not be playable in this unit.

Subtitle Display

Press the **SUBTITLE** button.

- Each time you press the button, your selection will toggle between "**SUBTITLE** (1/1, 1/2 ...)" and "**SUBTITLE OFF**".
- If the disc has only one subtitle file, it will be played automatically.
- See number 2 (Caption Function) below for more details concerning Subtitle usage with DIVX discs.

Audio Display

Press the **AUDIO** button.

- If there are multiple audio tracks on a disc, you can toggle between them.
- Each time you press the button, your selection will toggle between "**AUDIO**(1/1, 1/2 ...)" and " ".

Note

- " " is displayed when there is one supported language in the disc.

DivX(Digital internet video eXpress)

DivX is a video file format developed by Microsoft and is based on MPEG4 compression technology to provide audio and video data over the Internet in real-time.
MPEG4 is used for video encoding and MP3 for audio encoding so that the users can watch a movie at near DVD-quality video and audio.

1. Supported Formats

- This product only supports the following media formats.If both video and audio formats are not supported, the user may experience problems such as broken images or no sound.

• Supported Video Formats

Format	AVI	WMV
Supported Versions	DivX3.11 ~ 5.1	V1/V2/V3/V7

• Supported Audio Formats

Format	MP3	WMA	AC3
Bit Rate	80~384kbps	56~128kbps	128~384kbps
Sampling Frequency	44.1khz		44.1/48khz

- Aspect Ratio: Although default DivX resolution is 640*480 pixels (4:3), this product supports up to 720*480 pixels (16:9). TV screen resolutions higher than 800 will not be supported.
- When you play a disc whose sampling frequency is higher than 48khz or 320kbps, you may experience shaking on the screen during playback.

2. Caption Function

- You must have some experience with video extraction and editing in order to use this feature properly.
- To use the caption function, save the caption file (*.smi) in the same file name as that of the DivX media file (*.avi) within the same folder.
  Example. Root Samsung_007CD1.avi
  Samsung_007CD1.smi
- Up to 60 alphanumeric characters or 30 East Asian characters (2 byte characters such as Korean and Chinese) for the file name.

Checking the Remaining Time

Press the **REMAIN** button.

- For checking the total and remaining time of a title or chapter being played.

Each time the REMAIN button is pressed

DVD-VIDEO

TITLE ELAPSED → TITLE REMAIN → CHAPTER ELAPSED → CHAPTER REMAIN → (TITLE ELAPSED)

DVD-AUDIO

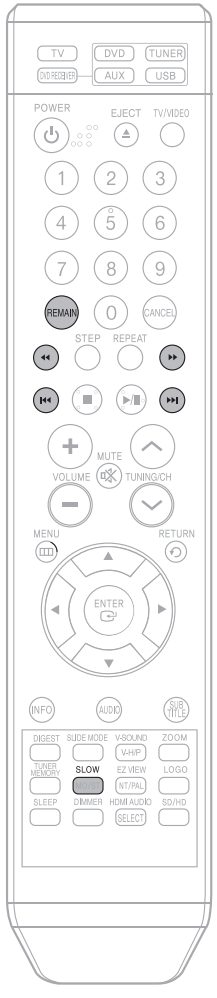
GROUP ELAPSED → GROUP REMAIN → TRACK ELAPSED → TRACK REMAIN → (GROUP ELAPSED)

VCD CD

TRACK ELAPSED → TRACK REMAIN → TOTAL ELAPSED → TOTAL REMAIN → (TRACK ELAPSED)

MP3

TRACK REMAIN → TRACK ELAPSED → (TRACK REMAIN)



Fast/Slow Playback

Fast Playback

DVD VCD CD MP3

Press ◀◀, ▶▶.

- Each time the button is pressed during playback, the playback speed changes as follows:

◀◀ 2X → ◀◀ 4X → ◀◀ 8X → ◀◀ 32X → ▶ PLAY → (◀◀ 2X)

▶▶ 2X → ▶▶ 4X → ▶▶ 8X → ▶▶ 32X → ▶ PLAY → (▶▶ 2X)

Note

- During fast playback of a CD or MP3-CD, sound is heard only at 2x speed, and not at 4x, 8x, and 32x speeds.

Slow Playback

Press **SLOW** button.

- Each time the button is pressed during playback, the playback speed changes as follows:

DVD: ▶ 1/2 → ▶ 1/4 → ▶ 1/8 → ◀ 1/2 → ◀ 1/4 → ◀ 1/8 → ▶ PLAY → (▶ 1/2)

VCD: ▶ 1/2 → ▶ 1/4 → ▶ 1/6 → ▶ PLAY → (▶ 1/2)

DivX: ▶ 1/2 → ▶ 1/4 → ▶ 1/8 → ▶ PLAY → (▶ 1/2)

Note

- No sound is heard during slow playback and step motion playback.
- Reverse slow playback does not work with VCD and DivX.

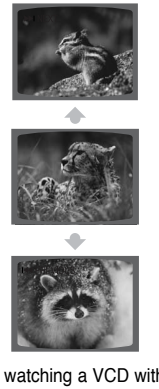
Skipping Scenes/Songs

Press ⏮◀◀, ▶▶⏭.

- Each time the button is pressed during playback, the previous or next chapter, track, or directory (file) will be played.
- You cannot skip chapters consecutively.

DVD

VCD



- When watching a VCD with a track longer than 15 minutes, each time ⏮◀◀ ▶▶⏭ is pressed, playback will skip back or forward 5 minutes.

MP3

Repeat Playback

Repeat playback allows you to repeatedly play a chapter, title, track (song), or directory (MP3 file).

DVD VCD CD MP3 JPEG

Press **REPEAT** button.

- Each time the button is pressed during playback, the repeat playback mode changes as follows:

DVD-VIDEO

REPEAT : CHAPTER → REPEAT : TITLE → REPEAT : OFF →

DVD-AUDIO

REPEAT : TRACK → REPEAT : GROUP → REPEAT : OFF →

MP3 JPEG

REPEAT : RANDOM → REPEAT : TRACK → REPEAT : DIR → REPEAT : DISC → REPEAT : OFF →

VCD CD

REPEAT : TRACK → REPEAT : DISC → REPEAT : OFF →

Repeat Playback Options

CHAPTER
Repeatedly plays the selected chapter.

GROUP
Repeatedly plays the selected group.

TITLE
Repeatedly plays the selected title.

RANDOM
Plays tracks in random order.
(A track that has already been played may be played again.)

TRACK
Repeatedly plays the selected track.

DIR
Repeatedly plays all tracks in the selected folder.

DISC
Repeatedly plays the entire disc.

OFF
Cancels Repeat Playback.

Note

- Repeat playback operation is not possible with version 2.0 VCD discs if PBC is turned on. To use Repeat Playback on a VCD with PBC, you should set the PBC to OFF in the disc menu. (See page 40.)

To Select a Repeat Playback Mode in the Disc Information Screen

1 Press **INFO** button twice.

2 Press Cursor ▶ button to move to REPEAT PLAYBACK (↻) display.

3 Press Cursor ▼ button to select the desired Repeat Playback mode.

4 Press **ENTER** button.

DVD

DVD ◀ EN 1/3 OFF/ 02 ↻ OFF → ↻ A- → ↻ CHAP → ↻ TITL →

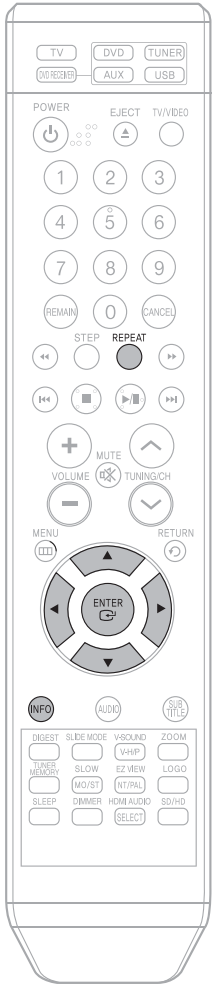
VCD CD

VCD 02/02 LR ↻ OFF → ↻ A- → ↻ TRACK → ↻ DISC →

* For MP3 and JPEG discs, you cannot select Repeat Play from the information display screen.

A-B Repeat Playback

You can repeatedly play back a designated section of a DVD.



DVD VCD

1 Press **INFO** button twice.

- For a VCD, press **INFO** button once.

DVD ◀ EN 1/3 OFF/ 02 ↻ OFF

2 Press Cursor ▶ button to move to REPEAT PLAYBACK (↻) display.

DVD ◀ EN 1/3 OFF/ 02 ↻ OFF

3 Press Cursor ▲, ▼ buttons to select 'A-' and then press **ENTER** button at the beginning of the desired segment.

- When **ENTER** button is pressed, the selected position will be stored in memory.

DVD ◀ EN 1/3 OFF/ 02 ↻ A-

DVD ◀ EN 1/3 OFF/ 02 ↻ A-?

REPEAT : A—

4 Press **ENTER** button at the end of the desired segment.

- The specified segment will be played repeatedly.

DVD ◀ EN 1/3 OFF/ 02 ↻ A-B

REPEAT : A—B

To return to normal playback, press Cursor ▲, ▼ buttons to select ↻ OFF.

Note

- The A-B Repeat function does not operate with MP3 or JPEG discs.

Step Function DVD VCD

Press **STEP** button.

- The picture moves forward one frame each time the button is pressed during playback.

Note

- No sound is heard during slow playback and step motion playback.

Angle Function DVD

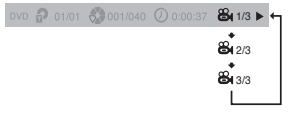
This function allows you to view the same scene in different angles.

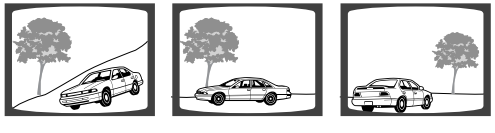
1 Press **INFO** button.

2 Press Cursor ▶ button to move to ANGLE ( ) display.

3 Press Cursor ▲, ▼ or numeric buttons to select the desired angle.

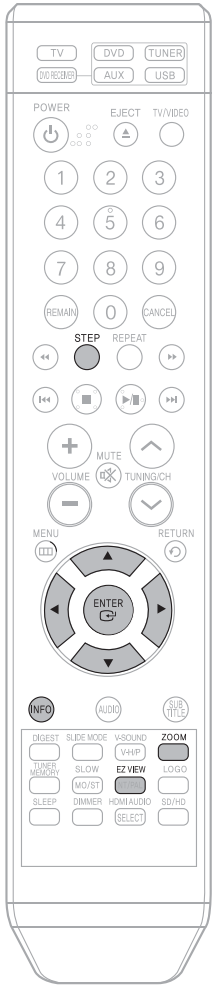
- Each time the button is pressed, the angle changes as follows:





Note

- The Angle function works only with discs on which multiple angles have been recorded.



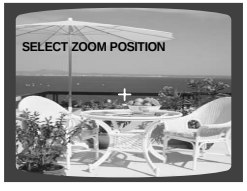
Zoom (Screen Enlarge) Function

GB

This function allows you to enlarge a particular area of the displayed image.

DVD VCD

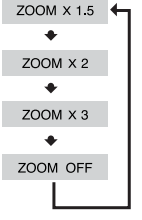
1 Press **ZOOM** button.



2 Press Cursor ▲, ▼, ◀, ▶ buttons to move to the area you want to enlarge.

3 Press **ENTER** button.

- Each time the button is pressed, the zoom level changes as follows:



Note

- When a DivX disc is being played, only the 2:1 zoom-in is available.

EZ VIEW Function DVD

Press **EZ VIEW** button.

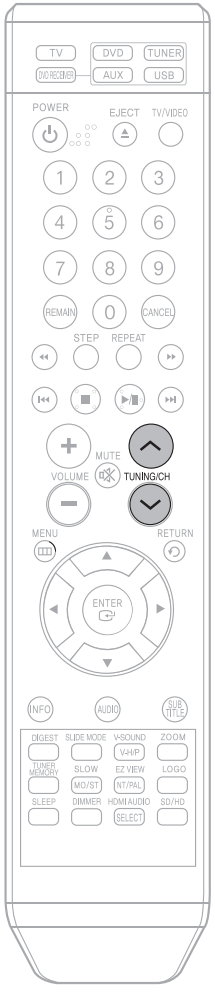
- Each time the button is pressed, the zoom function will switch between On and Off.
- When a movie is played in Widescreen format, black bars at the top and bottom of the TV screen can be removed by pressing the **EZ VIEW** button.

Note

- This function will not work if the DVD is recorded with multi-camera angle format.
- Black bars may not disappear because some DVD discs have a built-in horizontal to vertical ratio.
- This feature is not supported for DivX discs.

OPERATION

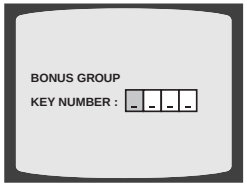
Bonus Group / Navigating Pages



Bonus Group DVD-AUDIO

Some DVD-Audio discs have an extra 'bonus' group that requires a 4-digit key number to access. See the disc packaging for details and the-key number.

When you play a DVD-Audio disc that has a bonus group, the key number input screen appears automatically.



Note

- If you eject the disc, switch the power off, or unplug the player, you will need to re-enter the key number.

Navigating Pages DVD-AUDIO

During playback, press the **TUNING/CH** button on the remote control.

- You can select the desired image from a DVD-Audio disc containing still images.
- With some discs, you may not be able to select images.

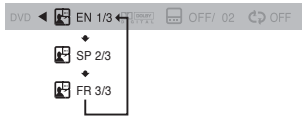
Selecting Audio/Subtitle Language

Audio Language Selection Function DVD

1 Press **INFO** button twice.

2 Press Cursor ▲ , ▼ buttons or numeric buttons to select the desired audio language.

- Depending on the number of languages on a DVD disc, a different audio language (ENGLISH, SPANISH, FRENCH, etc.) is selected each time the button is pressed.



Note

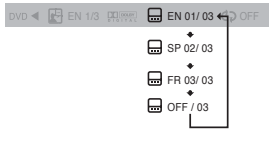
- You can use the AUDIO button on the remote control to select a audio language.

Subtitle Language Selection Function DVD

1 Press **INFO** button twice.

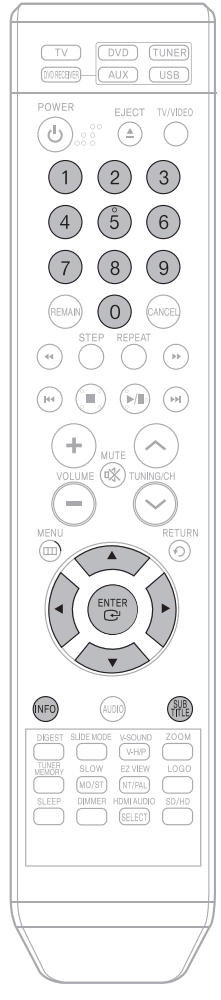
2 Press Cursor ▶ button to move to SUBTITLE ( ) display.

3 Press Cursor ▼ button or numeric buttons to select the desired subtitle.



Note

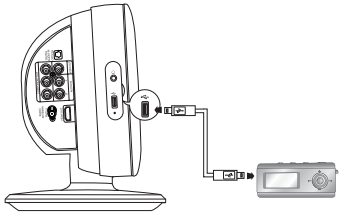
- To operate this function, you can also press the Select AUDIO or Select SUBTITLE buttons on the remote control.
- You can use the SUBTITLE button on the remote control to select a subtitle language.
- Depending on the disc, the Subtitle and Audio Language functions may not work.



Playing Media Files using the USB HOST feature

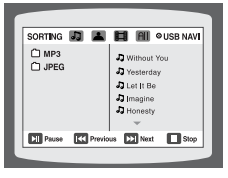
You can enjoy media files such as pictures, movies and music saved in an MP3 player, USB memory or digital camera in high quality video with 5.1 channel home theater sound by connecting the storage device to the USB port of the home theater.

1 Connect the USB device to the USB port on the side of the unit.



2 Press the **FUNCTION** button on the main unit or the **USB** button on the remote control to select the USB mode.

- "**USB**" appears on the display screen and then disappears.
- USB MENU screen appears on the TV screen and the saved file is played.



To stop playback, press the **STOP** (■) button.

Safe USB Removal

To prevent damage to the memory stored in the USB device, perform safe removal before disconnecting the USB cable.

(1) Press the Stop button twice in a row.
The display will show **REMOVE → USB**.

(2) Remove the USB cable.

Skip Forward/Back

During playback, press the ⏮ ⏭ button.

- When there is more than one file, when you press the ⏭ button, the next file is selected.
- When there is more than one file, when you press the ⏮ button, the previous file is selected.

Fast playback

To play back the disc at a faster speed, press ◀◀ or ▶▶ during playback.

- Each time you press either button, the playback speed will change as follows:
  2x → 4x → 8x → 32x → Normal.

Compatible Devices

1. USB devices that support USB Mass Storage v1.0.
   (USB devices that operate as a removable disk in Windows (2000 or later) without additional driver installation.)
2. MP3 Player: HDD and flash type MP3 players.
3. Digital camera: Cameras that support USB Mass Storage v1.0.
   - Cameras that operate as a removable disk in Windows (2000 or later) without additional driver installation.
4. USB HDD and USB Flash Drive: Devices that support USB2.0 or USB1.1.
   - You may experience a difference in playback quality when you connect a USB1.1 device.
   - For a USB HDD, make sure to connect an auxiliary power cord to the USB HDD for proper operation.
5. USB card Reader: One slot USB card reader and Multi slot USB card reader
   - Depending on the manufacturer. the USB card reader may not be supported.
   - If you install multiple memory devices into a multi card reader, you may experience problems.
6. If you use a USB extension cable, the USB device might not be recognized.

• Supported Formats

	File name	File extension	Bit rate	Version	Pixel	Sampling Frequency
Still Picture	JPG	JPG .JPEG	–	–	640*480	–
Music	MP3	.MP3	80~384kbps	–	–	44.1kHz
	WMA	.WMA	56~128kbps	V8	–	44.1kHz
Movie	VCD	MPG.MPEG .DAT	1.5Mbps	VCD1.1,VCD2.0	320*480	44.1KHz
	WMV	.WMV	4Mbps	V1,V2,V3,V7	720*480	44.1KHz~48KHz
	DivX	.AVI,.ASF	4Mbps	DivX3.11~DivX5.1,Xvid	720*480	44.1KHz~48KHz

- CBI (Control/Bulk/Interrupt) is not supported.
- Digital Cameras that use PTP protocol or require additional program installation when connected to a PC are not supported.
- A device using NTFS file system is not supported.
  (Only FAT 16/32 (File Allocation Table 16/32) file system is supported.)
- Some MP3 players, when connected to this product,may not operate depending on the sector size of their file system.
- The USB HOST function is not supported if a product that transfers media files by its manufacturer-specific program is connected.
- Does not operate with Janus enabled MTP(Media Transfer Protocol) devices.
- **The USB host function of this product does not support all USB devices. For information on the supported devices, see pages 63.**

Moving Directly to a Scene/Song

DVD VCD CD

1 Press **INFO** button.

DVD 01/05 001/040 0:00:37 1/1

Moving to a Title/Track

2 Press Cursor ▲,▼ buttons or numeric buttons to select the desired title/track and then press **ENTER** button.

DVD 03/05 001/002 0:00:01 1/1

Moving to a Chapter

3 Press Cursor ◀, ▶ buttons to move to Chapter ( ) display.

DVD 01/05 001/040 0:00:01 1/1

Moving to a Chapter

4 Press Cursor ▲,▼ buttons or numeric buttons to select the desired chapter and then press **ENTER** button.

DVD 01/05 025/040 0:00:01 1/1

Moving to a Specific Time

5 Press Cursor◀, ▶ buttons to move to time display.

DVD 01/05 025/040 1:17:30 1/1

Moving to a Specific Time

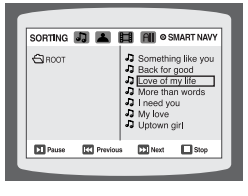
6 Press the numeric buttons to select the desired time and then press **ENTER** button.

DVD 01/05 028/040 1:30:00 1/1

MP3 JPEG

Press the **numeric** buttons.

- The selected file will be played.
- When playing an MP3 or JPEG disc, you cannot use ▲,▼ to move to a folder. To move a folder, press ■ (Stop) and then press ▲,▼.



Note

- You can press ⏮ ⏭ on the remote control to move directly to the desired title, chapter, or track.
- Depending on the disc, you may not be able to move to the selected title or time.

Using Disc Menu DVD

You can use the menus for the audio language, subtitle language, profile, etc.
DVD menu contents differ from disc to disc.

1 In Stop mode, press **MENU** button.

- When playing a VCD (version 2.0), this toggles between PBC ON and OFF.

2 Press Cursor ▲,▼ buttons to move to 'DISC MENU' and then press **ENTER** button.

- When you select Disc Menu and it is not supported by the disc, the "**This menu is not supported**" message appears on the screen.

3 Press Cursor ▲,▼ ◀, ▶ buttons to select the desired item.

- Press ENTER button.

Note

- Disc menu display may be different depending on the disc.

PBC (Playback Control) Function
When playing a VCD (version 2.0), you can select and view various scenes according to the menu screen.

PBC ON: This VCD disc is version 2.0. The disc is played back according to the menu screen. Some functions may be disabled. When some functions are disabled, select "PBC OFF" to enable them.

PBC OFF: This VCD disc is version 1.1. The disc is played back in the same way as with a music CD.

Using the Title Menu DVD

For DVDs containing multiple titles, you can view the title of each movie.
Depending on the disc, the availability of this feature may vary.

1 In Stop mode, press **MENU** button.

2 Press Cursor ▲,▼ button to move to 'Title Menu'.

3 Press **ENTER** button.

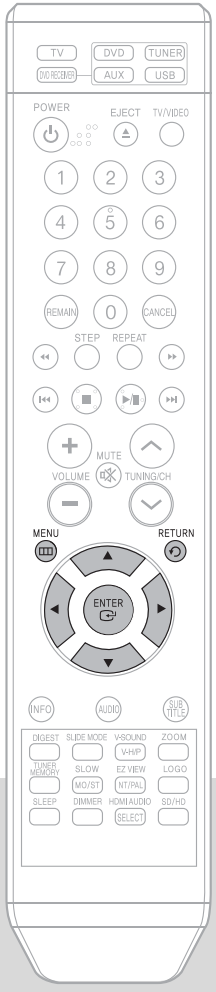
- The title menu appears.

Press **MENU** button to exit the setup screen.

Note • Title menu display may be different depending on the disc.

Setting the Language

OSD (On-Screen Display) language is set to English by default.



1 In Stop mode, press **MENU** button.

2 Press Cursor ▼ button to move to '**Setup**' and then press **ENTER** button.

3 Select '**Language**' and then press **ENTER** button

4 Press Cursor ▲ ,▼ button to select '**OSD Language**' and then press **ENTER** button.

5 Press Cursor ▲ ,▼ button to select the desired language and then press **ENTER** button.

- Once the setup is complete, the OSD will be English if English has been selected as language.

Press **RETURN** button to return to the previous level.

Press **MENU** button to exit the setup screen.

Note

- To select another language, select OTHER and enter the language code of your country. (See voir page 41 62 for language codes)
  AUDIO, SUB TITLE and DISC MENU language can be selected.

Selecting the OSD Language

Selecting the Audio Language (recorded on the disc)

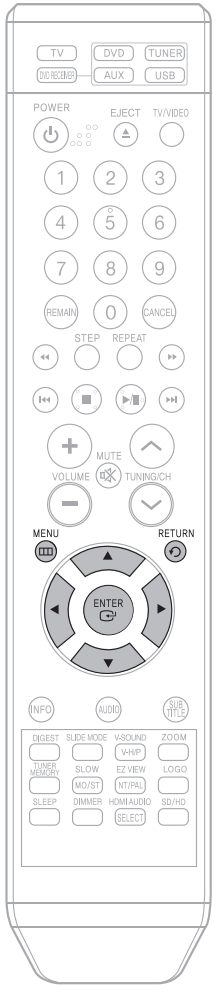
Selecting the Subtitle Language (recorded on the disc)

Selecting the Disc Menu Language (recorded on the disc)

* If the language you selected is not recorded on the disc, menu language will not change even if you set it to your desired language.

Setting TV Screen type

Depending on your TV type (Wide Screen or conventional 4:3), you can select the TV's aspect ratio.



1 In Stop mode, press **MENU** button.

2 Press Cursor ▼ button to move to 'Setup' and then press **ENTER** button.

3 Press Cursor ▼ button to move to 'TV DISPLAY' and then press **ENTER** button.

4 Press Cursor ▲,▼ button to select the desired item and then press **ENTER** button.

- Once the setup is complete, you will be taken to the previous screen.

Press **RETURN** button to return to the previous level.

Press **MENU** button to exit the setup screen.

Adjusting the TV Aspect Ratio (Screen Size)

The horizontal to vertical screen size ratio of conventional TVs is 4:3, while that of widescreen and high definition TVs is 16:9. This ratio is called the aspect ratio. When playing DVDs recorded in different screen sizes, you should adjust the aspect ratio to fit your TV or monitor.

- **For a standard TV, select either "4:3LB" or "4:3PS" option according to personal preference. Select "16:9" if you have a widescreen TV.**

WIDE : Select this to view a 16:9 picture in the full-screen mode on your widescreen TV.
- You can enjoy the widescreen aspect.

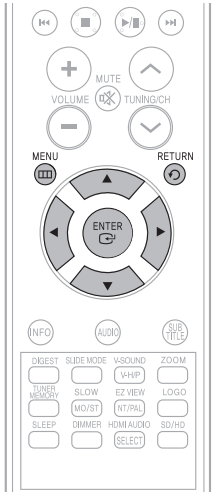
4:3LB (4:3 Letterbox) : Select this to play a 16:9 picture in the letter box mode on a conventional TV.
- Black bars will appear at the top and bottom of the screen.

4:3PS (4:3 Pan&Scan) : Select this to play a 16:9 picture in the pan & scan mode on a conventional TV.
- You can see the central portion of the screen only (with the sides of the 16:9 picture cut off).

Note
- If a DVD is in the 4:3 ratio, you cannot view it in widescreen.
- Since DVD discs are recorded in various image formats, they will look different depending on the software, the type of TV, and the TV aspect ratio setting.

Setting Parental Controls (Rating Level)

Use this to restrict playback of adult or violent DVDs you do not want children to view.



1 In Stop mode, press **MENU** button.

2 Press Cursor ▼ button to move to 'Setup' and then press **ENTER** button.

3 Press Cursor ▼ button to move to 'PARENTAL' and then press **ENTER** button.

4 Press Cursor ▲,▼ button to select the desired rating level and then press **ENTER** button.

- If you have selected Level 6, you cannot view DVDs with Level 7 or higher.
- The higher the level, the closer the content is to violent or adult material.

5 Enter the password and then press **ENTER** button.

- The password is set to "7890" by default.
- Once the setup is complete, you will be taken to the previous screen.

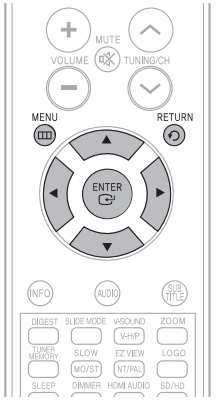
Note • This function works only if a DVD disc contains the rating level information.

Press **RETURN** button to return to the previous level.

Press **MENU** button to exit the setup screen.

Setting the Password

You can set the password for the Parental (rating level) setting.



1 Press **MENU** button.

2 Press Cursor ▼ button to move to 'Setup' and then press **ENTER** button.

3 Press Cursor ▼ button to move to 'PASSWORD' and then press **ENTER** button.

4 Press **ENTER** button.

5 Enter the password and then press **ENTER** button.

- Enter the old password, a new password, and confirm new password.
- The setting is complete.

Note • The password is set to "7890" by default.

If you have forgotten the rating level password, do the following:

- While the player is in the no disc mode, hold the main unit's ■ button for longer than 5 seconds. "INITIALIZE" appears on the display and all settings will return to the default values.
- Press the POWER button.

Using the RESET function will erase all stored settings.
Do not use this unless necessary.

Setting the Wallpaper JPEG DVD VCD

While watching a DVD, VCD or JPEG CD, you can set the image you like as background wallpaper.

Setting the Wallpaper

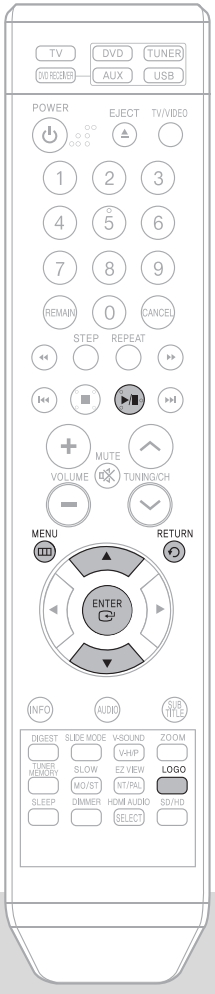
1 During playback, press **PLAY/PAUSE** button when an image you like appears.

2 Press **LOGO** button.

- "**COPY LOGO DATA**" will be displayed on the TV screen.

3 The power will turn off and then back on.

- The selected wallpaper will be displayed.
- You can select up to 3 wallpaper settings.



Select this to set the Samsung Logo image as your wallpaper.

Select this to set the desired image as your wallpaper.

To select one of the 3 wallpaper settings you've made

1 In Stop mode, press **MENU** button.

2 Press Cursor ▼ button to move to 'Setup' and then press **ENTER** button.

3 Press Cursor ▼ button to move to 'LOGO' and then press **ENTER** button.

4 Press ▼ to select the desired 'USER', and then press **ENTER**.

- This selects one of the 3 wallpaper screens

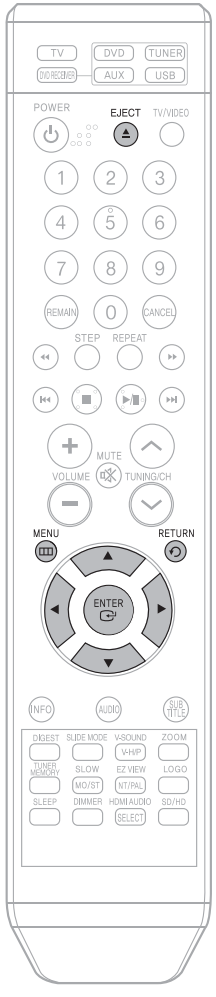
5 Press **MENU** button to exit the setup screen.

Press **RETURN** button to return to the previous level.

Press **MENU** button to exit the setup screen.

DVD Playback Mode

Some DVD-Audio discs contain DVD-Video as well as DVD-Audio.
To play back the DVD-Video portion of the DVD-Audio disc, set the unit to DVD-Video mode.



1 Press the **EJECT** button and then press the **MENU** button.

2 Press Cursor ▼ button to move to 'Setup' and then press **ENTER** button.

3 Press Cursor ▼ button to move to 'DVD TYPE' and then press **ENTER** button.

4 Press Cursor ▲ ,▼ button to move to 'DVD VIDEO' and then press **ENTER** button.

- Set steps 1 ~ 4 again if you want to switch to DVD AUDIO Play mode.

When Selecting DVD Play Mode:

- **DVD VIDEO** : set to play the DVD video contents contained on a DVD audio disc.
- **DVD AUDIO** : set to play the default DVD audio.

Note

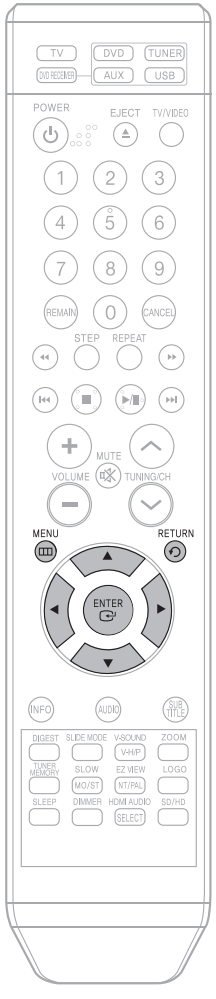
- DVD Play mode is set to DVD Audio as factory default setting.
- Powering off the main unit will automatically switch to the DVD Audio mode.

DivX (R) registration

- Please use the Registration code to register this player with the DivX (R) video on demand format. To learn more, go to www.divx.com/vod.

Setting the DRC (Dynamic Range Compression)

This feature balances the range between the loudest and quietest sounds.
You can use this function to enjoy Dolby Digital sound when watching movies at low volume at night.



1 In Stop or no disc mode, press **MENU** button.

2 Press Cursor ▼ button to move to 'Audio' and then press **ENTER** button.

3 Press Cursor ▼ button to move to 'DRC' and then press **ENTER** button.

4 Press Cursor ▲ ,▼ to adjust the 'DRC'.

- When the Cursor ▲ button is pressed, the effect is greater, and when the Cursor ▼ button is pressed, the effect is smaller.

Press **RETURN** button to return to the previous level.

Press **MENU** button to exit the setup screen.

AV SYNC Setup

Video may look slower than the audio if it is connected to a digital TV.
If this occurs, adjust the audio delay time to to match the video.

1 Press the **MENU** button.

- Setup menu appears.

2 Press Cursor ▲ ,▼ buttons to move to 'Audio' and then press **ENTER** button.

3 Press Cursor ▲ ,▼ buttons to move to 'AV-SYNC' and then press **ENTER** button.

4 Press Cursor ▲ ,▼ buttons to select the AV-SYNC Delay Time and then press the **ENTER** button.

- You can set the audio delay time between 0 ms and 300 ms. Set it to the optimal status.

Press **RETURN** button to return to the previous level.

Press **MENU** button to exit the setup screen.

Listening to Radio

Remote Control Unit

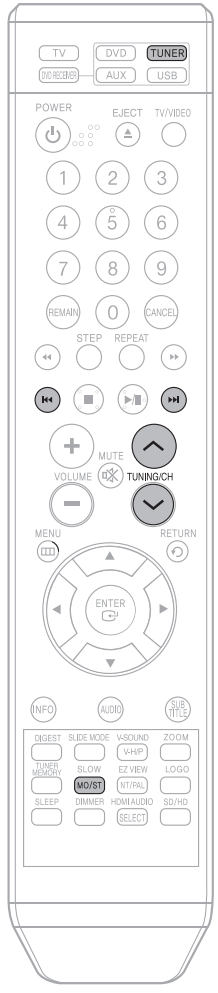
1 Press the **TUNER** button to select the FM band.

2 **Tune in to the desired station.**

Automatic Tuning 1 When ⏮ ⏭ is pressed, a preset broadcast station is selected.

Automatic Tuning 2 Press and hold **TUNING/CH** to automatically search for active broadcasting stations.

Manual Tuning Briefly press **TUNING/CH** to increase or decrease the frequency incrementally.



Main Unit

1 Press the **FUNCTION** button to select the FM band.

2 Select a broadcast station.

Automatic Tuning 1 Press the **STOP** (■) button to select PRESET and then press ⏮ ⏭ button to select the preset station.

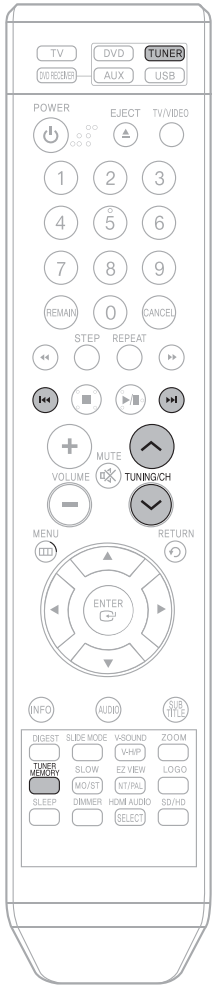
Automatic Tuning 2 Press the **STOP** (■) button to select "MANUAL" and then press and hold ⏮ ⏭ button to automatically search the band.

Manual Tuning Press **STOP** (■) to select MANUAL and then briefly press ⏮ ⏭ to tune in to a lower or higher frequency.

Press **MO/ST** button to listen in Mono/Stereo.
(This applies only when listening to an FM station.)

- Each time the button is pressed, the sound switches between "STEREO" and "MONO".
- In a poor reception area, select MONO for a clear, interference-free broadcast.

Presetting Stations



Example: Presetting FM 89.1 in the memory

1 Press the **TUNER** button to select the FM band.

2 Press **TUNING/CH** to select "89.10".

- Refer to Step 2 on page 52 to automatically or manually tune in to a station.

3 Press the **TUNER MEMORY** button.

- "1" flashes in the display.

4 Press ⏮ ⏭ to select preset number.

- You can select between 1 and 15 presets.

5 Press the **TUNER MEMORY** button again.

- Press the **TUNER MEMORY** button before 'number' disappears from the display.
- 'number' disappears from the display and the station is stored in memory.

6 To preset another station, repeat steps 2 to 5.

Note • This unit does not receive AM broadcasts.

To tune in to a preset station, press ⏮ ⏭ on the remote control to select a channel.

Convenient Functions

Sleep Timer Function

You can set the time that the Home Theater will shut itself off.

Press **SLEEP** button.

- Each time the button is pressed, the preset time changes as follows:
  10 → 20 → 30 → 60 → 90 → 120 → 150 → OFF.

To confirm the sleep timer setting, press **SLEEP** button.

- The remaining time before the Home Theater will shut itself off is displayed.
- Pressing the button again changes the sleep time from what you have set earlier.

To cancel the sleep timer, press **SLEEP** button until OFF appears on the display.

Adjusting Display Brightness

You can adjust the brightness of the display on the main unit so it won't interfere with your movie viewing.

Press **DIMMER** button.

- Each time the button is pressed, the brightness changes as follows:
  DARK → BRIGHT.

Mute Function

This is useful when answering a doorbell or telephone call.

Press **MUTE** button.

- 00 appears in the display.
- To restore the sound, press the button again.

V-SOUND(Virtual Sound)

The 2-channel sounds can be listened with virtual effects for producing much more realistic sounds as in 5.1 channels.

Press **V-SOUND** button.

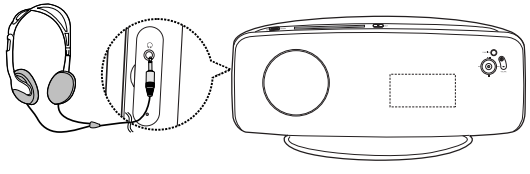
- Each time the button is pressed, the selection changes as follows:
  VIRTUAL SOUND ONE → VIRTUAL SOUND TWO → VIRTUAL SOUND OFF.

Virtual Headphone Function

Use headphones (not supplied) for private listening pleasure.
You can enjoy dynamic sound effects similar to that of 5.1 channel surround sound using conventional stereo headphones.

1 Connect the headphones to the HEADPHONE jack for private listening.

- You can purchase headphones from most Electronics stores.



2 Press **V-H/P** button.

- Each time the button is pressed, the selection alternates between **V.HP** and **OFF**.
- **V.HP**(VIRTUAL HEADPHONE ON) : Select to enjoy a 5.1-channel surround sound that gives the feeling of being in a baseball park or concert hall.
- **OFF**(VIRTUAL HEADPHONE OFF) **:** Select to listen to a standard 2-channel stereo sound.

Note

- Do not listen at extremely high volume levels when using headphones. Extended, high-volume listening can lead to permanent hearing loss.

Operating a TV with the Remote Control

When operating a TV with the remote control

1 Press **TV** button to set the remote to TV mode.

2 Press **POWER** button to turn on the TV.

3 Point the remote control toward the TV.

4 While holding down **POWER**, enter the code corresponding to your brand of TV.

- If the code matches the TV's code, the TV will be turned off.
- If there is more than one code listed for your TV in the table, enter one at a time to determine which code works.

Example: For a Samsung TV

While holding down **POWER**, use the number buttons to enter 00, 15, 16, 17 and 40.

5 Point the remote control toward the TV and press **POWER**. If the TV turns off or on, the setting is complete.

- You can use the TV POWER, VOLUME, CHANNEL, and Numeric buttons (0~9).

Note

- The remote control may not work on some brands of TVs. Also, some operations may not be possible depending on your brand of TV.
- If you do not set the remote control with the code for your brand of TV, the remote control will work on a Samsung TV by default.

TV Brand Code List

No.	Brand	Code	No.	Brand	Code
1	Admiral (M.Wards)	56, 57, 58	44	MTC	18
2	A Mark	01, 15	45	NEC	18, 19, 20, 40, 59, 60
3	Anam	01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14	46	Nikei	03
			47	Onking	03
4	AOC	01, 18, 40, 48	48	Onwa	03
5	Bell & Howell (M.Wards)	57, 58, 81	49	Panasonic	06, 07, 08, 09, 54, 66, 67, 73, 74
6	Brocsonic	59, 60	50	Penney	18
7	Candle	18	51	Philco	03, 15, 17, 18, 48, 54, 59, 62, 69, 90
8	Cetronic	03	52	Philips	15, 17, 18, 40, 48, 54, 62, 72
9	Citizen	03, 18, 25	53	Pioneer	63, 66, 80, 91
10	Cinema	97	54	Portland	15, 18, 59
11	Classic	03	55	Proton	40
12	Concerto	18	56	Quasar	06, 66, 67
13	Contec	46	57	Radio Shack	17, 48, 56, 60, 61, 75
14	Coronado	15	58	RCA/Proscan	18, 59, 67, 76, 77, 78, 92, 93, 94
15	Craig	03, 05, 61, 82, 83, 84	59	Realistic	03, 19
16	Croslex	62	60	Sampo	40
17	Crown	03	61	Samsung	00, 15, 16, 17, 40, 43, 46, 47, 48, 49, 59, 60, 98
18	Curtis Mates	59, 61, 63			
19	CXC	03	62	Sanyo	19, 61, 65
20	Daewoo	02, 03, 04, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 34, 35, 36, 48, 59, 90	63	Scott	03, 40, 60, 61
			64	Sears	15, 18, 19
21	Daytron	40	65	Sharp	15, 57, 64
22	Dynasty	03	66	Signature 2000 (M.Wards)	57, 58
23	Emerson	03, 15, 40, 46, 59, 61, 64, 82, 83, 84, 85	67	Sony	50, 51, 52, 53, 55
24	Fisher	19, 65	68	Soundesign	03, 40
25	Funai	03	69	Spectricon	01
26	Futuretech	03	70	SSS	18
27	General Electric (GE)	06, 40, 56, 59, 66, 67, 68	71	Sylvania	18, 40, 48, 54, 59, 60, 62
28	Hall Mark	40	72	Symphonic	61, 95, 96
29	Hitachi	15, 18, 50, 59, 69	73	Tatung	06
30	Inkel	45	74	Techwood	18
31	JC Penny	56, 59, 67, 86	75	Teknika	03, 15, 18, 25
32	JVC	70	76	TMK	18, 40
33	KTV	59, 61, 87, 88	77	Toshiba	19, 57, 63, 71
34	KEC	03, 15, 40	78	Vidtech	18
35	KMC	15	79	Videch	59, 60, 69
36	LG (Goldstar)	01, 15, 16, 17, 37, 38, 39, 40, 41, 42, 43, 44	80	Wards	15, 17, 18, 40, 48, 54, 60, 64
37	Luxman	18	81	Yamaha	18
38	LXI (Sears)	19, 54, 56, 59, 60, 62, 63, 65, 71	82	York	40
39	Magnavox	15, 17, 18, 48, 54, 59, 60, 62, 72, 89	83	Yupiteru	03
40	Marantz	40, 54	84	Zenith	58, 79
41	Matsui	54	85	Zonda	01
42	MGA	18, 40	86	Dongyang	03, 54
43	Mitsubishi/MGA	18, 40, 59, 60, 75			

Before Calling for Service

Refer to the chart below when this unit does not function properly. If the problem you are experiencing is not listed below or if the instruction below does not help, turn off the unit, disconnect the power cord, and contact the nearest authorized dealer or Samsung Electronics Service Center.

Symptom	Check/Remedy
I cannot eject the disc.	• Is the power cord plugged securely into the outlet? • Turn off the power and then turn it back on.
Playback does not start.	• Check the region number of the DVD. DVD discs purchased from abroad may not be playable. • CD-ROMs and DVD-ROMs cannot be played on this Home Theater. • Make sure that the rating level is correct.
Playback does not start immediately when the Play/Pause button is pressed.	• Are you using a deformed disc or a disc with scratches on the surface? • Wipe the disc clean.
Sound is not produced.	• No sound is heard during fast playback, slow playback, and step motion playback. • Are the speakers connected properly? Is the speaker setup correctly customized? • Is the disc severely damaged?
• Disc is rotating but no picture is produced. • Picture quality is poor and picture is shaking.	• Is the TV power on? • Are the video cables connected properly? • Is the disc dirty or damaged? • A poorly manufactured disc may not be playable.
The remote control does not work.	• Is the remote control being operated within its operation range of angle and distance? • Are the batteries exhausted? • Have you selected the mode(TV/DVD) functions of the remote control (TV or DVD) correctly?

Symptom	Check/Remedy
Audio language and subtitles do not work.	• Audio language and subtitles will not work for DVDs not containing them. And depending on the disc, they may work differently.
Menu screen does not appear even when the menu function is selected.	• Are you using a disc that does not contain menus?
Can't receive radio broadcast.	• Is the antenna connected properly? • If the antenna's input signal is weak, install an external FM antenna in an area with good reception.
Aspect ratio cannot be changed.	• You can play 16:9 DVDs in 16:9 WIDE mode, 4:3 LETTER BOX mode, or 4:3 PAN SCAN mode, but 4:3 DVDs can be seen in 4:3 ratio only. Refer to the DVD disc jacket and then select the appropriate function.
• The main unit is not working. (Example: The power goes out or strange noise is heard.) • The Home Theater is not working normally.	• Turn off the power and hold the ■ button on the main unit for longer than 5 seconds. **Using the RESET function will erase all stored settings. Do not use this unless necessary.**
The password for rating level has been forgotten.	• While “NO DISC” message appears on the display of main unit, hold the main unit's ■ button for longer than 5 seconds. “INITIALIZE” appears on the display and all settings will return to the default values. • Press the POWER button. **Using the RESET function will erase all stored settings. Do not use this unless necessary.**

Cautions on Handling and Storing Discs

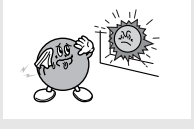
Small scratches on the disc may reduce sound and picture quality or cause skipping.
Be especially careful not to scratch discs when handling them.

Handling discs

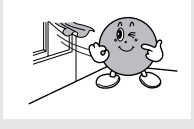
Do not touch the playback side of the disc.
Hold the disc by the edges so that fingerprints will not get on the surface.
Do not stick paper or tape on the disc.

Disc Storage

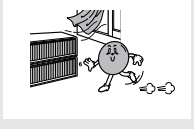
Do not keep in direct sunlight



Keep in a cool ventilated area



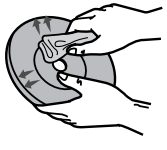
Keep in a clean Protection jacket. Store vertically.



Caution

- Do not allow the discs to become contaminated with dirt.
- Do not load cracked or scratched discs.

Handling and Storing Discs



When you get fingerprints or dirt on the disc, clean it with a mild detergent diluted in water and wipe with a soft cloth.

- When cleaning, wipe gently from the inside to the outside of the disc.

Note

- Condensation may form if warm air comes into contact with cold parts inside the player. When condensation forms inside the player, the player may not operate correctly. If this occurs, remove the disc and let the player stand for 1 or 2 hours with the power on.

Language Code List

Enter the appropriate code number for the initial settings “Disc Audio”, “Disc Subtitle” and/or “Disc Menu” (See page 41).

Code	Language	Code	Language	Code	Language	Code	Language
1027	Afar	1181	Frisian	1334	Latvian, Lettish	1506	Slovenian
1028	Abkhazian	1183	Irish	1345	Malagasy	1507	Samoan
1032	Afrikaans	1186	Scots Gaelic	1347	Maori	1508	Shona
1039	Amharic	1194	Galician	1349	Macedonian	1509	Somali
1044	Arabic	1196	Guarani	1350	Malayalam	1511	Albanian
1045	Assamese	1203	Gujarati	1352	Mongolian	1512	Serbian
1051	Aymara	1209	Hausa	1353	Moldavian	1513	Siswati
1052	Azerbaijani	1217	Hindi	1356	Marathi	1514	Sesotho
1053	Bashkir	1226	Croatian	1357	Malay	1515	Sundanese
1057	Byelorussian	1229	Hungarian	1358	Maltese	1516	Swedish
1059	Bulgarian	1233	Armenian	1363	Burmese	1517	Swahili
1060	Bihari	1235	Interlingua	1365	Nauru	1521	Tamil
1069	Bislama	1239	Interlingue	1369	Nepali	1525	Tegulu
1066	Bengali; Bangla	1245	Inupiak	1376	Dutch	1527	Tajik
1067	Tibetan	1248	Indonesian	1379	Norwegian	1528	Thai
1070	Breton	1253	Icelandic	1393	Occitan	1529	Tigrinya
1079	Catalan	1254	Italian	1403	(Afan) Oromo	1531	Turkmen
1093	Corsican	1257	Hebrew	1408	Oriya	1532	Tagalog
1097	Czech	1261	Japanese	1417	Punjabi	1534	Setswana
1103	Welsh	1269	Yiddish	1428	Polish	1535	Tonga
1105	Danish	1283	Javanese	1435	Pashto, Pushto	1538	Turkish
1109	German	1287	Georgian	1436	Portuguese	1539	Tsonga
1130	Bhutani	1297	Kazakh	1463	Quechua	1540	Tatar
1142	Greek	1298	Greenlandic	1481	Rhaeto-Romance	1543	Twi
1144	English	1299	Cambodian	1482	Kirundi	1557	Ukrainian
1145	Esperanto	1300	Kannada	1483	Romanian	1564	Urdu
1149	Spanish	1301	Korean	1489	Russian	1572	Uzbek
1150	Estonian	1305	Kashmiri	1491	Kinyarwanda	1581	Vietnamese
1151	Basque	1307	Kurdish	1495	Sanskrit	1587	Volapuk
1157	Persian	1311	Kirghiz	1498	Sindhi	1613	Wolof
1165	Finnish	1313	Latin	1501	Sangro	1632	Xhosa
1166	Fiji	1326	Lingala	1502	Serbo-Croatian	1665	Yoruba
1171	Faeroese	1327	Laothian	1503	Singhalese	1684	Chinese
1174	French	1332	Lithuanian	1505	Slovak	1697	Zulu

USB Host Feature Supported Products

Digital Camera

Product	Company	Type
Finepix-A340	Fuji	Digital Camera
Finepix-F810	Fuji	Digital Camera
Finepix-F610	Fuji	Digital Camera
Finepix-f450	Fuji	Digital Camera
Finepix S7000	Fuji	Digital Camera
Finepix A310	Fuji	Digital Camera
KD-310Z	Konica	Digital Camera
Finecam SL300R	Kyocera	Digital Camera
Finecam SL400R	Kyocera	Digital Camera
Finecam S5R	Kyocera	Digital Camera
Finecam Xt	Kyocera	Digital Camera
Dimage-Z1	Minolta	Digital Camera
Dimage Z1	Minolta	Digital Camera
Dimage X21	Minolta	Digital Camera
Coolpix4200	Nikon	Digital Camera
Coolpix4300	Nikon	Digital Camera
Coolpix 2200	Nikon	Digital Camera
Coolpix 3500	Nikon	Digital Camera
Coolpix 3700	Nikon	Digital Camera
Coolpix 4100	Nikon	Digital Camera
Coolpix 5200	Nikon	Digital Camera
Stylus 410 digital	Olympus	Digital Camera
300-digital	Olympus	Digital Camera
U300	Olympus	Digital Camera
X-350	Olympus	Digital Camera
C-760	Olympus	Digital Camera
C-5060	Olympus	Digital Camera
X1	Olympus	Digital Camera
U-mini	Olympus	Digital Camera
Lumix-FZ20	Panasonic	Digital Camera
DMC-FX7GD	Panasonic	Digital Camera
Lumix LC33	Panasonic	Digital Camera
LUMIX DMC-F1	Panasonic	Digital Camera
Optio-S40	Pentax	Digital Camera
Optio-S50	Pentax	Digital Camera
Optio 33LF	Pentax	Digital Camera
Optio MX	Pentax	Digital Camera
Digimax-420	Samsung	Digital Camera
Digimax-400	Samsung	Digital Camera
Sora PDR-T30	Toshiba	Digital Camera
Coolpix 5900	Nikon	Digital Camera
Coolpix S1	Nikon	Digital Camera
Coolpix 7600	Nikon	Digital Camera
DMC-FX7	Panasonic	Digital Camera
Dimage Xt	Minolta	Digital Camera
AZ-1	Olympus	Digital Camera

USB Flash Disk

Product	Company	Type
Cruzer Micro	Sandisk	USB 2.0 USB Flash Drive 128M
Cruzer Mini	Sandisk	USB 2.0 128M
Cruzer Mini	Sandisk	USB 2.0 256M
SONY Micro Vault	Sony	USB 2.0 64MB
FLEX DRIVE	Serotech	USB 2.0 32MB
AnyDrive	A.L tech	USB 2.0 128MB
XTICK	LG	USB 2.0 128M
Micro Mini	Iomega	USB 2.0 128M
iFlash	Imation	USB 2.0 64M
LG	XTICK(M)	USB 2.0 64M
RiDATA	EZDrive	USB 2.0 64M

MP3 Player

Product	Company	Type
Creative MuVo NX128M	Creative	128 MB MP3 Player
Iriver H320	Iriver	20G HDD MP3 Player
YH-920	Samsung	20G HDD MP3 Player
YP-T7	Samsung	MP3 Player
YP-MT6	Samsung	MP3 Player
YP-T6	Samsung	MP3 Player
YP-53	Samsung	MP3 Player
YP-ST5	Samsung	MP3 Player
YP-T5	Samsung	MP3 Player
YP-60	Samsung	MP3 Player
YP-780	Samsung	MP3 Player
YP-35	Samsung	MP3 Player
YP-55	Samsung	MP3 Player
iAUDIO U2	Cowon	MP3 Player
iAUDIO G3	Cowon	MP3 Player
iAudio M3	Cowon	HDD MP3 Player
SI-M500L	Sharp	256MB MP3 Player
H10	Iriver	MP3 Player
YP-T5 VB	Samsung	MP3 Player
YP-53	Samsung	256MB MP3 Player

Multi Card Reader

Product	Company	Type
UNICORN	Unicorn	USB 2.0 7 IN 1 CARD READER UC-601R
USB 2.0 Card Reader	Billionton(Taiwan)	USB 2.0 Card Reader for SD/MMC/RS-MMC(3-in-1)

USB External HDD

Product	Company	Type
CUTIE	Serotech	POCKET HARD DISK DRIVE
MOMOBAY UX-2	Dvico	USB 2.0

Specifications

GENERAL	Power Consumption	90W	
	Weight	5Kg	
	Dimensions (W x H x D)	521 x 320 x 178 mm	
	Operating Temperature Range	+5°C~+35°C	
	Operating Humidity Range	10% ~ 75%	
FM TUNER	Usable Sensitivity	10dB	
	S/N Ratio	60dB	
	Distortion	0.5%	
VIDEO OUTPUT	Composite Video	1.0Vp-p(75Ω load)	
	Component Video	Y:1.0Vp-p(75Ω load)	
		Pr:0.70Vp-p(75Ω load)	
		Pb:0.70Vp-p(75Ω load)	
	HDMI	Impedance: 85~115	
AMPLIFIER	Front speaker output	100W x 2(3Ω)	
	Subwoofer speaker output	100W(3Ω)	
	Frequency range	20Hz~20KHz	
	S/N Ratio	70dB	
	Channel separation	60dB	
	Input sensitivity	(AUX)400mV	
SPEAKER	Speaker system	2.1ch speaker system	
		Front speaker	Subwoofer speaker
	Impedance	3Ω	3Ω
	Frequency range	150Hz~20KHz	40Hz~200Hz
	Output sound pressure level	82dB/W/M	85dB/W/M
	Rated input	100W	100W
	Maximum input	200W	200W
	Dimensions (W x H x D)	98 x 482 x 76 mm	180 x 364 x 378 mm
	Weights	1.6 kg	7.1 kg